

NISTIR 5510

(Supersedes NISTIR 5475)

VALIDATED PRODUCTS LIST

1994 No. 4

Programming Languages
Database Language SQL
Graphics
GOSIP
POSIX
Computer Security

Judy B. Kailey Peggy N. Himes Editors

U.S. DEPARTMENT OF COMMERCE Technology Administration National Institute of Standards and Technology Computer Systems Laboratory Software Standards Validation Group Gaithersburg, MD 20899

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FOREWORD

The Validated Products List is a collection of registers describing implementations of Federal Information Processing Standards (FIPS) that have been validated for conformance to FIPS. The Validated Products List also contains information about the organizations, test methods and procedures that support the validation programs for the FIPS identified in this document.

The Validated Products List is updated quarterly.



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1. INTRODUCTION

1.1 Purpose

The testing of Information Technology (IT) Products to determine the degree to which they conform to specific Federal Information Processing Standards (FIPS) may be required by Government agencies as specified by the FIPS, Federal Information Resources Management Regulation (FIRMR) Parts 201-20.303, 201-20.304, and 201-39.1002, and the associated Federal ADP and Telecommunications Standards Index. Products having a current validation certificate or test report may be offered or delivered by vendors in response to requirements as set forth in solicitations by Federal agencies. The Validated Products List (VPL) contains conformance testing information for the following IT Standards:

Programming Languages COBOL, Fortran, Ada, Pascal, C, and MUMPS Database Language SQL
Graphics
GOSIP
POSIX
Computer Security

This List is updated and published quarterly. The information contained herein is supplied by the contributors listed in Section 2.6 and Appendix A, and is current as of the tenth of the month preceding the publication date. Copies of the VPL may be obtained from:

National Technical Information Service U.S. Department of Commerce 5285 Port Royal Road Springfield, VA 22151.

Subscriptions: (703) 487-4630 Individual Copies: (703) 487-4650

Ordering Number: PB93-937303/AS

The entries in the printed VPL (except those for GOSIP, POSIX and Ada) are contained in WordPerfect Version 5.1 files and may be accessed on the Internet using the following instructions:

Type: ftp speckle.ncsl.nist.gov (internet address is 129.6.59.2)

Login as user ftp

Type your e-mail address preceded by a dash (-) as the password

Type: cd vpl
Type: binary

Type: get and the name of the file you want; e.g. language

These entries are also available as DOS text files, through the World Wide Web using MOSAIC using one of the following instructions:

a. Open the file called "http://speckle.ncsl.nist.gov/~kailey/intro.vpl"

b. Open the file called "ftp://speckle.ncsl.nist.gov/vpl/html/intro.vpl"

Questions or comments concerning the VPL should be directed to:

National Institute of Standards and Technology (NIST) Computer Systems Laboratory Software Standards Validation Group Building 225, Room A266 Gaithersburg, MD 20899 Telephone (301) 975-3274

1.2 Document Organization

1.2.1 Programming Languages

Section 2 identifies those COBOL, Fortran, Pascal, C, Ada, and MUMPS programming language processors that have a current validation certificate or registered test report referencing the applicable FIPS as of the date of this publication.

1.2.2 Database Language SQL

Section 3 identifies those SQL language processors that have a validation certificate or a registered test report for FIPS PUB 127-1 and FIPS PUB 127-2 as of the date of this publication.

1.2.3 Graphics

Section 4 lists the implementations or files for which a validation certificate is currently in place. These entries include:

Graphical Kernel System (GKS) implementations (FIPS PUB 120-1), Programmer's Hierarchical Interactive Graphics Systems (PHIGS) (FIPS PUB 153), Computer Graphics Metafiles (CGMs) (FIPS PUB 128), Raster Graphics data files (FIPS PUB 150).

1.2.4 **GOSIP**

Section 5 contains information regarding FIPS PUB 146-1, GOSIP, conformance testing registers.

1.2.5 **POSIX**

Section 6 identifies POSIX products that have a current validation certificate for FIPS PUB 151-1 and FIPS PUB 151-2.

1.2.6 Computer Security

Section 7 contains information regarding validated products for FIPS PUB 46-1, Data Encryption Standard (DES), FIPS PUB 113, Computer Data Authentication (Implements Message Authentication Code, ANSI X9.9), and FIPS PUB 171, Key Management Using ANSI X9.17.

1.2.7 FIPS Conformance Testing Products

Appendix A lists FIPS conformance testing products and services available to the public. Information for these products and services may be obtained by contacting the appropriate person listed.

2. PROGRAMMING LANGUAGES

2.1 FIPS Programming Language Standards

As specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Standards Index, Federal agencies when acquiring language processors, are responsible for assuring that processors are in accordance with the following FIPS for programming languages:

- a. COBOL processors must satisfy the provisions of FIPS PUB 21-3, COBOL, and must be identified as implementing all of the language elements of at least one of the subsets of FIPS COBOL as specified in FIPS PUB 21-3.
- b. BASIC processors must satisfy the provisions of FIPS PUB 68-2, BASIC.
- c. Fortran processors must satisfy the provision of FIPS PUB 69-1, Fortran, and must be identified as implementing all of the language elements of the subset or full levels of FIPS Fortran as specified in FIPS PUB 69-1.
- d. Pascal processors must satisfy the provisions of FIPS PUB 109, Pascal.
- e. Ada processors must satisfy the provisions of FIPS PUB 119, Ada.
- f. MUMPS processors must satisfy the provisions of FIPS PUB 125-1, MUMPS.
- g. C processors must satisfy the provisions of FIPS PUB 160, C.
- h. VHDL processors must satisfy the provisions of FIPS PUB 172, VHDL.

Copies of the above publications are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Conformance testing programs are currently available for all above FIPS except for the programming language BASIC and VHDL. A test suite for BASIC is being developed.

2.2 Organization of Programming Language Processor Entries

The entries in the VPL for programming language processors are presented as follows:

- The VENDOR ID column contains the name of the Vendor of the processor.
- The PROCESSOR ID column contains the Processor identification and the Validation Summary Report (VSR) or certificate number. This number refers to the VSR that was produced as a result of the testing. The VSR describes the testing environment and details any processor nonconformity that was detected as a result of the testing. Information for obtaining a VSR is listed in section 2.6.
- Derived processors in the VENDOR & COMPILER column are Ada processors that have been derived from the processor/hardware/operating system environment used during the testing. In order for derived processors to be listed here, they must be properly registered with the Department of Defense, Ada Joint Program Office (AJPO) by the vendor of the processor.

- The HARDWARE & OPERATING SYSTEM column presents the hardware and operating system environment (including pertinent supporting system software) used during the validation. In the case of Ada processors, those environments for derived processors will appear in this column.
- The EXPIRY DATE column lists the expiration date of the Certificate of Validation or Registered Validation Summary Report. A processor may be included in the List after the certificate has expired if the validation is in process. Notification must be received by NIST at least 30 days prior to publication of the List in order for such a processor to be included. In this case the expiration date will be followed by "(pending)".
- For COBOL processors, the SUBSET column cites the applicable Federal Subset. For Fortran processors, the LEVEL column specifies the applicable Federal level. For Pascal processors, the ISO 7185 Pascal Standard Level (ISO 7185 Level 0 is equivalent to FIPS 109). This designation is presented in the PROCESSOR ID column.
- The entries in the OTHER ENVIRONMENTS column are registered hardware and operating system environments for the processor tested. The vendor of the processor has certified that the identified processor, when operating under the environments included in this column, produces the same test results as those obtained from the hardware and operating system environment used during the validation. Test results and other information from these environments may be required as evidence for entries to be included in this column.

Also listed are the programming language processors that have been tested and during the testing were found to have one or more nonconformities.

2.3 Validation of Processors

2.3.1 Validation Requirements

In accordance with the requirements referenced in Section 1.1, language processors offered to the Government for purchase, lease, or use in connection with ADP services shall be validated for conformance to FIPS for programming languages. To confirm that the specifications of the designated FIPS have been met:

- a. the processor shall be tested with the Compiler Validation System (CVS) approved by NIST,
- b. the processor validations shall be conducted in accordance with NIST validation procedures,
- c. a Validation Summary Report (VSR) shall be produced summarizing the test results of the CVS on the designated processor for that FIPS,
- d. all nonconformities noted in the VSR shall be corrected within twelve months,
- e. a Certificate of Validation shall be issued if validation results warrant. In order for a processor to receive a Certificate of Validation the processor must successfully pass all applicable tests of the CVS without exception.

The Federal ADP and Telecommunications Standards Index supplies standard terminology which may allow for delayed validation. When delayed validation is allowed, the offeror may meet this

requirement by showing evidence of having submitted the processor for validation. Proof of submission is in the form of a letter from NIST scheduling the validation.

Programming language processors offered to the Federal Government must comply with the applicable Government requirements. Failure to comply with these requirements shall be deemed sufficient cause to declare a bidder non-responsive or to declare a vendor in default for failure to deliver required software.

2.3.2 Placement in the List

For a processor to be placed in the List it must:

- a. have been officially tested within the past twelve calendar months, and
- b. have no errors remaining that were identified during a previous test.

2.3.3 Removal from the List

A processor is removed from the List when:

- a. the processor is not officially tested within twelve calendar months, or
- b. testing indicates that the processor still contains errors identified during a previous validation.

2.3.4 Validation Procedures

Validation procedures are published in the following documents:

Compiler Validation Procedures, dated January 15, 1993 Ada Compiler Validation Procedures and Guidelines, Version 3.1, August, 1992 Pascal Validation Policy and Procedures, Version 5.6, September 1, 1994 MUMPS Validation Procedures, Version 1.0, dated August 13, 1992

2.4 Certificate of Validation

A Certificate of Validation is issued for those programming language processors that have been tested and are considered to be in compliance with the FIPS as specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Index.

The requirement for retesting may be waived and the certificate of validation extended at the option of NIST if:

- a. no errors were identified during the previous testing of the processor,
- b. the vendor certifies, in writing, to NIST that no changes have been made to either the processor or the supporting system software, and
- c. no new version of the validation system has been officially released during the interim period.

2.5 Language Processor Validation Suites

Following are the validation suites and ordering information for testing programming language processors for conformance to FIPS.

a. Copies of the COBOL, Fortran, MUMPS, and Ada Compiler Validation Suites may be purchased from:

National Technical Information Service (NTIS) 5285 Port Royal Road Springfield, VA 22161 Telephone (703) 487-4650 (Voice) (703) 321-8547 (FAX)

COMPILER VALIDATION SYSTEM [MEDIUM/FORMAT]	VERSION	NTIS ACCESSION NUMBER
COBOL 85 (CCVS85)	4.2	PB93-504918
Fortran (FCVS78)	2.1	PB94-500691
Ada [Tape/Backup]	1.11	ADA212551
Ada [Tape/Tar]	1.11	ADA212437
Ada [Tape ANSI Standard]	1.11	ADA212548
Ada [Disk (MS/DOS)]	1.11	ADA212549
MUMPS [Tape/Backup]	7.61	PB91-507699
MUMPS [Tape/ANSI]	7.61	PB91-507715
MUMPS [Tape/Tar]	7.61	PB91-507723
MUMPS [Disk (MS-DOS)]	7.61	PB91-507707

b. The current version of the Pascal Validation System (PVS) is Version 5.6 and is available from:

British Standards Institution (BSI)
Software Engineering Department
BSI Quality Assurance
P. O. Box 375
Milton Keynes
MK14 6LL
ENGLAND
Telephone (011) +44-908-220908 (Voice)
(011) +44-908-220671 (FAX)

c. The current version of the ANSI C Validation Suite (ACVStm) is Version 4.1 and is available from:

Perennial, Inc. 4699 Old Ironsides Drive Suite 210 Santa Clara, CA 95054 Telephone (408) 748-2900 (Voice)

2.6 Testing Laboratories and Supporting Organizations

The organizations listed below have performed validations, supplied information, or are sources for Validation Summary Reports (VSR) for programming languages. These organizations may be contacted for validation information and for copies of VSR(s). COBOL and Fortran VSR(s) may be obtained from NIST. Pascal VSR(s) whose VSR numbers begin with "NIST" or end in "US" may also be obtained from NIST. Pascal VSR(s) whose VSR numbers end in "UK" are available from BSI. Ada VSR(s) may be obtained from the Ada Information Clearinghouse, the National Technical Information Service, or from the Ada Validation Facility (AVF) that produced the VSR. To obtain a copy of a VSR from an AVF, locate the upper case letter in the certificate number (e.g., $870608\underline{W}1...$). That letter corresponds to the letter in the CODE column to the left of the organizations listed below.

QL,

CODI	<u>ORGANIZATION</u>	CONTACTS	LANGUAGE
S	National Institute of Standards and Technology Software Standards Validation Group Building 225, Room A266 Gaithersburg, MD 20899 (301) 975-3274 Telex: 197674 NBS UT FAX: (301) 948-6213	L. Arnold Johnson Judy Kailey Carmelo Montanez William Dashiell	All COBOL, Fortran BASIC Pascal, C Ada, MUMPS, SQ VHDL
N	National Computing Centre Limited (NCC) Oxford House, Oxford Road Manchester M1 7ED United Kingdom (011) +44 (61) 228 6333 +44 (61) 236 9877 (FAX) Telex 668962	Jane Pink Jon Leigh David Bamber	COBOL Fortran Ada C
	German National Research Center for Computer Science (GMD) Department Scientific Visualization Supercomputer Center (HLRZ) P. O. 1316, Schloss Birlinghoven D-W-5205 Sankt Augustin 1 Germany (011) +49-2241-14-2706 (voice) (011) +49-2241-14-2618 (FAX) kirsch @gmdzi.gmd.de	Berthold Kirsch	Fortran
	Instituto Italiano del marchio di Qualita (IMQ) Servicio SCQ Via Quintiliano, 43 20138 Milano Italy +39-2-5073266 +39-2-5073271 (Fax) Telex: 310 393 IMQI	Angelo Belloni	COBOL Fortran

	JMI Institute 21-25, Kinuta 1-Chome Setagaya-Ku, Tokyo	Y. Fukui	COBOL Fortran
	157 Japan +81 3 3416 9600		
	British Standards Institution Quality Assurance (BSIQA) P.O. Box 375 Milton Keynes MK14 6LL United Kingdom (011) +44 908-22-09-08 (011) +44-908-22-06-71 (Fax) Telex: 827682 BSIQAS G	John Souter	Pascal
W	Ada Validation Facility Language Control Facility ASD/SCEL Wright-Patterson AFB, OH 45433-6503 (513) 255-4472	Dale Lange	Ada
B or A	Association Français de Normalisation (AFNOR) Direction Certification Tour Europe, Cedex 7 BP-92049 Paris la Dè fense FRANCE (011) 33-142915960 (011) 33-142915656 (Fax) Telex: AFNOR 611 974 F	M. Alphonse Philippe	Ada
I	IABG-AVF Industrieanlagen-Betriebsgesellschaft Dept. ITE Einsteinstrasse 20 D-8012 Ottobrunn Federal Republic of Germany +49-89-6088-2477 e-mail: tonndorf@ajpo.sei.cmu.edu	Michael Tonndorf	Ada
	Ada Information Clearinghouse 3D139 1211 S. Fern, C-107 The Pentagon Washington, D.C. 20301-3081 (703) 685-1477		Ada VSR(s)
	National Technical Information Service U.S. Department of Commerce 5285 Port Royal Road Springfield, VA 22161 (703) 487-4650		Ada VSR(s)

COBOL -Certificates

2.7 LANGUAGE PROCESSORS WITH CERTIFICATES NO NONCONFORMITIES

2.7.1 COBOL PROCESSORS

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Computer Associates	CA-Realia II Workbench Version 1.1.20 NIST-94/1701; Intermediate; 6/1/95	IBM PS/2 Model 95; Windows NT Version 3.1	IBM PS/2 Model 60, 70, 80, 90; Windows NT Version 3.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1702; Intermediate; 6/1/95	IBM PS/2 Model 95; Windows Version 3.1	IBM PS/2 Model 60, 70, 80, 90; Windows Version 3.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1703; Intermediate; 6/1/95	IBM PS/2 Model 95; OS/2 Version 2.1	IBM PS/2 Model 60, 70, 80, 90; OS/2 Version 2.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1704; Intermediate; 6/1/95	IBM PS/2 Model 95; DOS Version 6.20	IBM PS/2 Model 60, 70, 80, 90; DOS Version 6.20
	CA-Realia COBOL Version 4.2 NIST-94/1705; Intermediate; 6/1/95	IBM PS/2 Model 95; DOS Version 6.20	IBM PS/2 Model 60, 70, 80, 90; DOS Version 6.20
	CA-Realia COBOL Version 4.2 NIST-94/1706; Intermediate; 6/1/95	IBM PS/2 Model 90; OS/2 Version 2.1	IBM PS/2 Model 60, 70, 80, 95; OS/2 Version 2.1
Digital Equipment Corporation	VAX COBOL Version 5.2; NIST-94/1401; High; 4/1/95	VAX 4000 Model 60; OpenVMS VAX, Version 5.5	VAX 4000 models 200, 300; VAX 6000 models 200, 300, 400, 500; VAX's 8200, 8250, 8300, 8350, 85xx, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; VAX 9000 models 210, 400; VAXft 3000 model 310, VAX 11/730, VAX 11/750, VAX 11/785; MicroVAX II, 2000, 3100, 3200, 3500, 3520, 3540; VAXstation II, 2000, 3100, 3200, 3500, 3520, 3540; VAXserver 3600, 3602, 3800, 3900, 4000 models 200, 300; 6000, 210/220, 6000 310/320; 6000 410/420; 6000 510/520; OpenVMS VAX Version 5.5
	DEC COBOL for OpenVMS AXP Version 2.0; NIST-94/1402; High; 4/1/95	DEC/3000 Model 500; OpenVMS AXP, Version 6.1	DEC 10000, 7000, 4000, 3000, 2000, 1000; OpenVMS for AXP, Version 6.1
	DEC COBOL for OSF/1 AXP Version 1.1; NIST-94/1403; Intermediate; 4/1/95	DEC/3000 Model 500; OSF/1 AXP, Version 2.0	DEC 10000, 7000, 4000, 3000, 2000, 1000; OSF/1 for AXP, Version 2.0

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Micro Focus COBOL V3.1 for UNIX (Digital DECstation): NIST-94/1945; High; 8/1/95	Digital DECstation 5000/240 Ultrix Version 4.3A	
	Micro Focus COBOL V3.1 for UNIX (Digital Alpha AXP running OSF/1); NIST-94/1946; High; 8/1/95	Digital DEC 3000 AXP OSF/1 Version 2.0	
	Micro Focus COBOL V3.2 for UNIX (Intel 80386 running SCO UNIX); NIST-94/1947; High; 8/1/95	UNIQ 486 EISA SCO UNIX Version 3.2 v 4.2	
	Micro Focus COBOL V3.s.43 for NT (Intel 80386 running NT); NIST-94/1948; High; 8/1/95	Dell 466/T MS Windows NT Version 3.1	
	Micro Focus COBOL V3.2 for DOS, Windows and OS2 IBM PC); NIST-94/1949; High; 8/1/95	Digital DECPC 433dx MTE MS DOS Verson 6.2	
	Micro Focus COBOL V3.s.47 for NT (Digital Alpha AXP running NT); NIST-94/194A; High; 8/1/95	Digital Alpha AXP 150 MS Windows NT Version 3.1	
	COBOL Version 2.1 for DEC OSF/1 Systems NIST-94/2001; High; 9/1/95	DEC 3000 AXP Model 500 DEC OSF/1 Version 2.0	DEC 2000 Models 300 AXP, 500; 2100; 3000 Models 300, 300L, 300X, 300XL, 400, 400S, 500, 500S, 500X, 600, 600S, 800, 800S, 900; 4000 Models 610, 710; 7000 Models 610,700; 10000 Model 610; DEC OSF/1 Version 2.0
Hewlett-Packard Company	COBOL/HP-UX Version B.08.00; NIST-94/1631; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860 865, 867, 870, 870/200, 870/300, 870/400, 877, 887, 890, 890/1, 890/2, 890/3, 890/4, 897, EXX, FXX, GXX HXX, IXX, T500; HP-UX Version 9.0
	COBOL/iX Version A.04.11; NIST-94/1632; High; 5/1/95	HP3000 Series 967; MPE/iX Version B.30.45	HP3000 Series 917, 920, 922, 925, 927, 932, 935, 937, 947, 948, 949, 950, 955, 957, 958, 960, 967, 977, 980/100/200/300/400, 987, 987/200RX/SX, 987/200Plus 990, 991/CX/DX, 992, 992/100/200/300/400, 995/CX/DX/100/200/300/400/500/600/700/800, 918LX/RX, 928LX/RX, 968LX/RX, 978LX/RX; MPF/i/X Version B 30, 45

MPE/iX Version B.30.45

COBOL PROCESSORS, Continued

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Nihongo COBOL/HPUX (SJIS) Version A.08.02; NIST-94/1633; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200/300/400, 877, 887, 890, 890/1, 890/2/3/4, 897, EXX, FXX, GXX, HXX, IXX, T500; HP-UX Version 9.0
	Nihongo COBOL/HPUX (EUC) Version A.08.01; NIST-94/1634; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200/300/400, 877, 887, 890, 890/1/2/3/4, 897, EXX, FXX, GXX, HXX, IXX, T500; HP-UX Version 9.0
IBM Canada, Ltd.	COBOL/400 Version 2 Release 2; NIST-92/2071; Intermediate; 9/1/94 (pending)	AS/400; OS/400 Version 2 Release 2	
IBM Corporation	IBM SAA AD/CYCLE COBOL/370 Version 1 Release 1; NIST-94/1082; High; 12/1/94	IBM 3090; VM/ESA Version ESA Release 1.0	IBM 390, 3000, 4381-T92, 9000; VM/ESA Version ESA Release 1.0
	IBM SAA AD/CYCLE COBOL/370 Version 1 Release 1; NIST-94/1081; High; 12/1/94	IBM 3090; MVS/ESA Version 4 Release 3	IBM 390, 3000, 4381-T92, 9000; MVS/ESA Version 4 Release 3
	IBM SAA AD/CYCLE COBOL/370 Version 1 Release 1; NIST-94/1923; High; 6/1/95	IBM 3090; MVS/ESA Version 5 Release 1 VM/ESA Version 1 Release 2.2	IBM 390, 3000, 4381-T92, 9000; MVS/ESA Version 4 Release 3 VM/ESA Version ESA Release 1.0
	VS COBOL II Version 1 Release 4; NIST-94/1921; Intermediate; 6/1/95	IBM 3090; VM/ESA Version 1 Release 2.2 MVS/ESA Version 5 Release 1 VSE/ESA Version 1 Release 3	IBM 370, 390, 3000, 4300, 9000; VM/SP6 MVS/XA Version 2 Release 2.3 MVS/370 Version 1 Release 3.6 VSE/ESA Version 1 Release 3
Liant Software Corporation	LPI-COBOL Version 070011 (7.0.11); NIST-94/1241; High; 8/1/95	AT&T Global Information Solutions, Model 3000; UNIX Version V Release 4	
Micro Focus	Micro Focus COBOL V3.2 for DOS, Windows and OS/2; NIST-94/1941; High; 8/1/95	Compaq Deskpro; IBM OS/2 Version 2.1 IBM PS/2 Model 80; Microsoft DOS Ver 6.2	IBM PS/2 Model 85; IBM OS/2 Version 2.1 Dell 433 MX MS DOS Version 6.2

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Micro Focus COBOL V3.2 for UNIX (IBM RS/6000); NIST-94/1942; Hign; 8/1/95	IBM RISC System/6000, 58H AIX Version 3.2.5	b.
	Micro Focus COBOL V3.2 for UNIX (Intel 80386 running SCO UNIX); NIST-94/1943; High; 8/1/95	UNIQ 486 EISA SCO UNIX 3.2 v 4.2	
	Micro Focus COBOL V3.2 for UNIX (Sun SPARC running Solaris 2); NIST-94/1944; High; 8/1/95	Sun Sparcstation 10 Solaris 2.3	
Sequent Computer Systems Corp.	Micro Focus COBOL V3.0; NIST-93/2001; High; 2/1/95	S2000/250; DYNIX/ptx Version 2.0 Release 1.0	S/2000/450, S/750; DYNIX/ptx Version 2.0 Release 1.0
Siemens Nixdorf Informations- systsme AG	COBOL-IN Version 3.1; NIST/NCC-94/985; High 8/23/95	WX200; SINIX Version 5.41	
	COBOL-MI Version 3.1; NIST/NCC-94/986; High 8/23/95	RM600; SINIX Version 5.41	
	COBOL85 Version 2.1B NIST/NCC-94/987; High 8/23/95	7.500; BS2000/OSD Version 1.0	
Silicon Graphics, Inc.	Micro Focus COBOL V3.1 for UNIX (SGI Indigo and Challenge); NIST-94/1940; High; 8/1/95	SGI IRIX INDY IRIX Version 5.1.1.2	
Tandem Computers, Inc.	COBOL85 Version D20.02; NIST-94/1761; High; 6/1/95	NonStop Cyclone; Guardian Version D20	VLX; CLX 700, CLX 800; HIMALAYA K110, K120, K1000, K10000; Guardian Version D20

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Concurrent Computer Corporation	Fortran VII O Version R06 Release 01; NIST-94/1721; Full; 9/1/95	3280MPS; OS/32 Version R09 Release 02	32xx, Model 3200, Micro 3200, 3280E; OS/32 Version R09 Release 02
	Fortran VII Z Version R06 Release 01; NIST-94/1722; Full; 9/1/95	3280MPS; OS/32 Version R09 Release 02	32xx, Model 3200, Micro 3200, 3280E; OS/32 Version R09 Release 02
	SP-2450 (Fortran 77) Version 2.1; NIST-94/1723; Full; 9/1/95	7000 Model 7200; RTU Version 6.1	Model 71xx, 72xx, 74xx, 75xx; RTU Version 6.1
	SP-2450 (Fortran 77) Version 2.3; NIST-94/1724; Full; 9/1/95	MAXION Multiprocessor System Model 9502; RTU Version 6.2	MAXION Multiprocessor System Model 9100, 9200 RTU Version 6.2
Convex Computer Corporation	Convex Fortran Version 9.0; NIST-94/1501; Full; 6/1/95	Convex C Series Model C4620; ConvexOS Version 11.0	Convex C46XX, C38XX, C34XX, C32XX; ConvexOS Version 11.0
	Convex Fortran Version 9.0; NIST-94/1502; Full; 6/1/95	Convex Exemplar Series Model SPP1000/XA; SPP-UX Version 9.03	Convex SPP1000/XA, SPP1000/CD SPP-UX, Version 9.03
Cray Computer Corporation	f77 Version 1.0; NIST-93/2201; Full; 3/1/95	CRAY-3; CSOS Version 1.0	
	f77 Version 1.0; NIST-93/2202; Full 3/1/95	Cray 3; CSOS Version 1.0	

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Digital Equipment Corporation	DEC Fortran for OpenVMS VAX, Version 6.1; NIST-93/2143; Full; 12/1/94	VAX 6000-420; OpenVMS VAX Version 6.0	VAX 4000 Models 100, 100A, 105A, 200, 300, 400, 500, 500A, 600, 600A, 700A; VAX 6000 Models 200, 300, 400, 500, 600; VAX 7000 Model 600; VAX 8200, 8250, 8300, 8350, 8500, 8550, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840, 8842; VAX 9000 Models 110, 210, 300, 400, 420, 430, 440; VAX 10000 Model 600; VAXft Models 110, 310, 410, 610, 612; VAX 11/730, 11/780, 11/785; MicroVAX II, 2000, 3100 10/10E, 20/20E, 30, 40, 80, 90; MicroVAX 3300, 3400, 3500, 3600, 3800, 3900; VAXstation II, 2000; 3100 Models 30, 38, 40, 48, 76; 3200, 3500, 3250, 3540; VAXstation 4000 Models 60, 90, VLC; VAXserver 3100 Models 10/10E, 20/20E; 3300, 3400, 3500, 3602, 3800, 3900; VAXserver 4000 Models 200, 300, 500; VAXserver 6000 Models 210, 220, 310, 320, 410, 420, 510, 520, 610, 620, 630; VAXserver 9000 Models 110, 310, 320, 330, 340; OpenVMS VAX Version 6.0, 5.5, 5.4
	DEC Fortran for OpenVMS AXP, Version 6.1; NIST-93/2141; Full; 12/1/94	DEC 3000-500; OpenVMS AXP Version 1.5	DEC 2000 300, DEC3000 300, 300L, 500X, 400 AXP Workstation, 400 AXP Server, 500 AXP Workstation, 500 AXP Server; 600, 600 Server 800, 800 Server, DEC 4000 600 AXP, 710; DEC 7000 600 AXP; DEC 10000 600 AXP; OpenVMS AXP Version 1.5
	RISC/ULTRIX Mod 200; 5000 20 Version 3.2; RISC/ULTRIX DECstat NIST-93/2142; Version 4.3 PXG+, I Full; TX, PXG 12/1/94 PXG Tu 5100; 5- 5-	Mod 200; RISC/ULTRIX	DECstation 2100, 3100, 3100s; Personal DECstation 5000 20/25 MX, HX, TX, PXG+, PXG Turbo+; DECstation 5000 120/125/133 MX, CX, HX, PX, TX, PXG, PXG+, PXG Turbo, PXG Turbo+; 200 MX, CX, HX, PX, TX, PXG, PXG+, PXG Turbo+; 240 MX, HX, TX, PXG, PXG Turbo+; DECsystem 3100; 5000 25, 200, 240; 5100; 5400; 5500; 5810; 5820; 5830; 5840; 5900; ULTRIX/RISC Version 4.3
	DEC Fortran for DEC/ OSF/1 AXP Version 3.4; NIST-94/1404; Full; 4/1/95	DEC 4000 Model 610; DEC OSF/1 AXP Version 2.0	DEC/10000; 7000; 4000; 3000; 2000 DEC OSF/1 Alpha Version 2.0
	DEC Fortran 90 for DEC OSF/1 AXP Version 1.0; NIST-94/2002; Full; 9/1/95	DEC 4000 Model 600 AXP; DEC OSF/1 AXP Version 2.0	DEC 2000 AXP, DEC 2100 AXP, DEC 3000 AXP, DEC 4000 AXP, DEC 7000 AXP, DEC 10000 AXP; DEC OSF/1 AXP Version 2.0
	DEC Fortran for Windows NT AXP Version 1.0; NIST-94/2003; Full; 9/1/95	DECpc AXP/150; Windows NT AXP Version 3.5	DECpc 2000 Model 300, DECpc 2000 Model 500, DECpc AXP 150, DECpc AXP Universal Platform, DEC 2100 Servers Models A500MP and A600MP; Windows NT AXP Version 3.5
Encore Computer Corporation	Fortran 77+ Version 5.2.0; NIST-93/1441; Full; 12/1/94	Concept 32/97; MPX-32 Version 3.5u02A	Concept 32/67, 32/20xx, Encore RSX; MPX-32 Version 3.5u02A

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Paraliel Fortran+ Version 1.2.0; NIST-93/1442; Full; 12/1/94	Encore 91; UMAX V Version 3.0.7	Infinity 90; UMAX V Version 3.0.7
	Parallel Fortran+ Version 1.2.0; NIST-93/1443; Full; 12/1/94	Encore 93; UMAX V Version 3.1.2	
rujitsu merica, Inc.	OSIV/MSP Fortran77 EX Version 11 Level 10; NIST-91/1383; Full; 2/1/95	Fujitsu VP100E; OSIV/F4 MSP Edition 20	Fujitsu M780; M760; OSIV/F4 MSP Edition 20
	OSIV/MSP Fortran77 EX Version 11 Level 10; NIST-91/1384; Full; 2/1/95	Amdahl 5990; IBM MVS/SP Version 3 Release 1.3	IBM 3090/200E; IBM MVS/SP Version 2 Release 2.3
	UXP/M Fortran77 EX/VP Version 11 Level 10; NIST-91/1601; Full; 2/1/95	Fujitsu VP2400/10; UXP/M Version 10 Level 10	Fujitsu VP2000 Series; UXP/M Version 10 Level 10
	UXP/M Fortran77 EX/VP Version 11 Level 10; NIST-91/1602; Full; 2/1/95	Fujitsu VP2400/10; UXP/M Version 10 Level 10	Fujitsu VP2000 Series; Fujitsu M Series; UXP/M Version 10 Level 10
lewlett- ackard company	HP 9000 S700 Fortran 77 Version A.09.00 Rel 9.0; NIST-93/1121; Full; 1/1/95	HP9000 Model 720; HP-UX Version 9.0	HP9000, mod 705, 710, 730, 750; HP-UX Version 9.0
	HP 9000 S300/S400 Fortran 77 Version A.09.00 Rel 9.0; NIST-93/1122; Full; 1/1/95	HP9000 Model 433T; HP-UX Version 9.0	HP9000, mod 400, 425, 332, 345, 350, 360, 370, 375, 380, 385; HP-UX Version 9.0
	HP 9000 S800 Fortran 77 Version A.09.00 Rel 9.0; NIST-93/1123; Full; 1/1/95	HP9000 Model 835; HP-UX Version 9.0	HP9000, mod 807, 817, 825, 827, 834, 835, 837, 840, 845, 847, 850, 857, 860, 867, 870; HP-UX Version 9.0
	HP 3000 S900 Fortran 77 Version A.04.31 Rel 9.0; NIST-93/1124; Full; 1/1/95	HP3000 Model 947LX; MPE/iX Version 4.0	HP3000, mod 917, 922, 925, 927, 930, 932, 935, 937, 950, 955, 957, 960, 967, 980, 990; MPE/iX Version 4.0

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
IBM Canada, Ltd.	IBM AIX XL Fortran Compiler/6000 Version 3 Release 1; NIST-93/1921; Full; 1/1/95	IBM RISC System /6000 POWERstation /POWERserver 550; AIX for RISC System /6000 Version 3 Release 2.5	RISC System/6000 Powerstation /Powerserver 220, 250, 25T, 25W, 320H, 340, 350, 520H, 530, 530E, 540, 550, 560, 560F, 58H, 590, 730, RISC System/6000 Powerserver 25S, 930, 950, 970, 990; AIX for RISC System/6000 Version 3 Release 2.5
IBM Corporation	VS Fortran Version 2 Release 6; NIST-94/1922; Full; 6/1/95	IBM S/390 ES9000 9021 Model 720 MVS/ESA SP Version 4 Release 3	S/390, ES/9000, S/370, 30XX, 43XX, 93XX MVS/SP Version 1, Release 3 MVS/SP Version 2, Release 2 MVS/SP Version 3, Release 1
Intel SSD	f77 Native Compiler Version R4.5; NIST-93/1781; Full; 11/1/94	XP/S: OSF/1 AD Release R1.1	
Intergraph Corporation	Clipper Advanced Optimizing Fortran, Version 1.57; NIST-94/1101; Full; 12/1/94	Clipper Model 2730; CLIX, Version 7.1	Clipper C300 and C400; CLIX, Version 7.1
	Clipper Advanced Optimizing Fortran, Version 2.0; NIST-94/1104; Full; 12/1/94	Clipper Model 2730; CLIX, Version 7.1	Clipper C300 and C400; CLIX, Version 7.1
Liant Software Corporation	Fortran/400 Version 2 Release 2; NIST-94/1242; Full; 8/1/95	IBM AS/400 Model B4500; IBM OS/400 Version 2 Release 2	
	Fortran/400 Version 2 Release 3; NIST-94/1243; Full; 8/1/95	IBM AS/400 Model B4500; IBM OS/400 Version 2 Release 3	
Microsoft Corporation	Fortran PowerStation Version 1.0, Release a; NIST-94/1421; Full; 6/1/95	Dell PC 486D/5O CPU Microsoft Windows for Workgroups Version 3.1.1 under MS DOS Version 6.20	
Modular Computer Systems, Inc.	GLS Fortran 77 Version C.0; NIST-94/1561; Full; 4/1/95	REAL/STAR 9088R-4; REAL/IX Version E.0	REAL/STAR Models 9088 R-2, 9088 R-1, 9087, 9097-R1, 9097-R2; REAL/IX Version E.0
	Fortran 77/16 Version B.5; NIST-94/1562; Full; 4/1/95	CLASSIC 9250; MAX IV Version L.0	CLASSIC 9230; MAX IV Version L.0

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Fortran 77/32 Version B.5;	CLASSIC 9250;	CLASSIC 9230;
	NIST-94/1563;	MAX 32 Version D.3	MAX 32 Version D.3
	Full;		
	4/1/95		
Salford	FTN77/486 Version 2.73;	Western Systems 486	
Software	NIST/NCC-94/983;	DX2 (WS486 DX2-66);	
Ltd.	Full;	MS-DOS Version 6.2	
	6/30/95		
	FTN77 Version 1.0;	Western Systems 486	
	NIST/NCC-94/984;	DX2 (WS486 DX2-66);	
	Full;	MS-Windows/NT Version 3.1	
	6/30/95		
Sequent	ptx/Fortran Version 2.1p	S2000/250;	\$2000/450, \$2000/750;
Computer	NIST-93/2002;	DYNIX/ptx Version 2	DYNIX/ptx Version 2 Release 1.0
Systems, Inc.	Full;	Release 1.0	
	2/1/95		
Sigmons	Fortran77 V1.3;	PCE-5S:	MX300, MX500, WX200;
Siemens Nixdorf	NIST/NCC-93/978;	SINIX-Z V5.41	SINIX-L Version 5.41
Informations-	Full:	OHAIV-F AO'41	CHANCE FOLDION OFF
systeme AG	11/1/94		
	Fortran77 V1.3;	RM400;	RM600, RNM600;
	NIST/NCC-93/979;	SINIX-N V5.41	SINIX-P Version 5.41
	Full;		
	11/1/94		
	FOR1 V2.2;	7.5921;	
	NIST/NCC-93/980;	BS2000/OSD V1.0A	
	Full;	(BS2000 V11.0A)	
	11/1/94		
	FORTRAN90 V1.0;	7.5921;	
	NIST/NCC-93/981;	BS2000/OSD V1.0A	
	Full;	(BS2000 V11.0A)	
	11/1/94		
Silicon Graphics	Fortran 77 Version	40/CRIM Model IP17;	
Computer Systems	SC4-FTN-3.19:	IRIX Version 5.3	
Inc.	NIST-94/1441;	11 11 7 4 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	
	Full;		
	10/1/95		
	MIPS PRO Fortran 77 Version	Challenge Model IP21;	
	SC4-FTN-6.0;	IRIX Version 6.0	
	NIST-94/1442;	INIA VEISIOIT O.U	
	Full;		
	10/1/95		
Support a Sum	SBABCompiler Fortran	CDADCatation I V	
Sunsoft, a Sun	SPARCompiler Fortran	SPARCstation LX SPARCserver 1000;	
Microsystems, Inc. Business	Version 3.0; NIST-93/2181:	SPARCserver 1000; Solaris Version 2.3	
D03111632	NIST-93/2181; Full;	301a13 ¥8131011 2.3	
	2/1/95		
	SPARCcompiler Fortran	SPARCstation 10	
	MP (SPARCworks iMPact 1.0);	SPARCserver 1000	
	NIST-93/2182;	SPARCcenter 2000;	
	Full;	Solaris Version 2.3	
	2/1/95		

FORTRAN PROCESSORS, Continued

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SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	SPARCompiler Fortran Version 3.0.1; NIST-94/1741; Full; 9/1/95	SPARCstation 5; SunOS Version 4.1.3 SPARCstation 20 Solaris Version 2.4	Voyager, SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4 SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; SunOS Version 4.1.3
	SPARCompiler Fortran MP (SPARCworks iMPact 2.0) NIST-94/1742; Full; 9/1/95	SPARCstation 20; Solaris Version 2.4	SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4
	ProCompiler Fortran Version 2.0.1; NIST-94/1743; Full; 9/1/95	Gateway 2000 486/33E; UnixWare Version 1.1	
Tandem Computers, Inc.	Fortran Version D20; NIST-94/1762; Full; 6/1/95	NonStop Cyclone; Guardian Version D20	VLX; CLX 700; CLX 800; HIMALAYA K110, K120, K1000, K10000 Guardian Version D20

2.7.3 Ada PROCESSORS

The following pages list Ada compilers that have been validated by the Ada Joint Program Office (AJPO). Compilers are listed in order of vendor. The list is updated monthly, and presently includes 336 base compilers and 401 compilers derived from base implementations. For the most current information on validated Ada compilers, please contact the Ada Information Clearinghouse at (703) 685-1477.

(Key: * = Validated through Registration, base system above)

(Key: (#YYMMDDFX.XXNNN): YYMMDD is the date on-site testing was completed:

F is the Ada Validation Facility; X.XX is the ACVC Version;

NNN is a unique sequence number that is assigned by the AVO)

For example, the certificate number #901120W1.11087 means the compiler completed on-site testing November 20, 1990, at Wright-Patterson AFB under ACVC 1.11.

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
				()	
Validated by Registration			AETECH, Inc.	Unisys PW/2 386 (under SCO	Same as Host
LETECH	Any computer system	Same as Host	IntegrAda 5.1.0	Unix 3.2)	
Ada Ver. 6.1	comprising: cpu: Intel		POSIX		
BASE	80386 or 80486; fpu:		(≢901129W1.11086)		
≠901129W1.I1086}	Optional; memory: 8 M8yte				
	RAM; disk: 160 MByte hard		*Validated by Registration		
	drive (under SCO Unix 3.2,		AETECH, Inc.	Any Computer System	Same as Host
	Salarıs X86, ESIX System V,		IntegrAda Posix	Comprising: cpu: Intel	
	Release 4.0, & Interactive		5.1.0	80386, fpu: optional,	
	Unix System V, Release 3.2)		(BASE	memory: 4 MByte RAM, disk:	
			#901129W1.11086)	60 M8yte hard drive (under	
Validated by Registration				SCO Unix 3.2)	
ETECH	Any computer system	Same as Host			
Ada Version 6.1	comprising: cpu: Intel		*Validated by Registration		
BASE	80386 or 80486; fpu:		AETECH, Inc.	Any Computer System	Same as Host
≠901129W1.11086)	optional; memory: 8 MByte		AETECH POSIX	Comprising: cpu: Intel	
	RAM; disk: 160 M8yte hard		Compiler, Version	80386& 80486, fpu:	
	drive (under Univel		5.1.0	optional, memory: 4 MByte	
	UnixWare Version 1.0.3a)		(BASE	RAM, disk: 60 MByte hard	
			≠901129W1.11086)	drive (under Interactive	
AETECH, Inc.	Northgate 386/25 (under	Northgate 386/25 (under MS		Unix System V, Release 3.2)	
ntegrAda 386	Phar Lap/DOS 3.3)	DOS 3.3)		, , ,	
5.1.0		5050.0,	*Validated by Registration		
≠901120W1.11087)			AETECH, Inc.	Any Camputer System	Same as Host
. ,			AETECH POSIX	Comprising: cpu: Intel	
Validated by Registration			Compiler Version	80386 & 80486; fpu:	
ETECH, Inc.	Any Computer System	Any Computer System	5.1.0	optional; memory: 4 MByte	
ntegrAda 386	Comprising: cpu; Intel	Comprising: cpu: Intel	(BASE	RAM; disk: 60 MByte hard	
5.1.0	80386, fpu: optional,	80386, fpu: optional,	#901129W1.11086)	drive (under ESIX System V,	
BASE	memory: 4 MByte RAM, disk:	memory: 4 MByte RAM, disk:	¥701127W1.11080)	Release 4.0)	
≠901120W1.11087)				Release 4.0)	
70112011.11067)	40 MByte hard drive (under Phar Lap/DOS 3.3)	40 MByte hard drive (under MS DOS 3.3)	Ailech Defense	VAXstation 3100 Cluster	Tadpole TP880V (88100-based
	rnar (ap/DO3 3.3)	M3 DC3 3.3)	Systems, Inc.	(under VMS 5.3)	VME board) (bare machine)
Validated by Registration			Al-ADA/88K Version 2.4	(Under TIPE 3.3)	The bodies (bare machine)
_	4. 6	5 11 .			
AETECH, Inc.	Any Computer System	Same as Host	(#900930W1.11030)		
ntegrAda for	Comprising: cpu: Intel		av is table to a second		
Vindows Ver 1.2	80386& 80486;fpu:		*Validated by Registration	All DEC AT WAY	Tadpole TP880V (88100-based
BASE	optional; memory: 4 MByte		Aitech Defense	All DEC MicraVAX	
\$901120W1.11087)	RAM; disk: 40 MByte hard		Systems, Inc.	VAXslation, VAXserver,	VME board) & Motorola
	drive (under MS DOS 3.3,		Al-ADA/88K,	VAX-11, VAX 8xxx & VAX 6xxx	MVME181 (88100-basedVME
	5.0, & 6.0, with Windows		Version 2.4	series (under VMS versions	board) (bare machines)
	3.1)		(BASE	5.0, 5.1, 5.2 & 5.3, as	
			#900930W1.11030)	supported)	
Validated by Registration				2100 5	D50040004D51
AETECH, Inc.	Any Computer System	Same as Host	Aitech Defense	VAXstation 3100 Cluster	DSP96002ADS board (bare
ntegrAda 386 Ver	Comprising: cpu: Intel		Systems, Inc.	(under VMS 5.3)	machine)
5.2	80386& 80486; fpu:		Al-ADA/96K, Version 3.0		
BASE	optional; memory: 4 MByte		(#911012W1.11224)		
≠901120W1.11087)	RAM; disk: 40 MByte hard				D500 (000) D51
	drive (under MS DOS 3.3,		Aitech Defense	Sun-4/330 (under SunOS	DSP96002 ADS board (bare
	5.0, & 6.0)		Systems, Inc.	4.1.1)	machine)
			Al-ADA/96K, Version 3.0		
Validated by Registration			(#911012W1.11225)		
AETECH, Inc.	Any Computer System	Same as Host			
ntegrAda DOS Ver	Comprising: cpu: Intel				
5.1	80x86 series; fpu:				
BASE	optional; memory: 640				
≠901120W1.11087)	KByte RAM; disk: 40 MByte				
	hard drive (under MS DOS				
	3.3, 5.0, & 6.0)				

ACDA/96K, Version 3.0 F911012W1.11225 Ienia Aeritalia 14 Selenia S.p.A 7 ACS VAX/VMS ta Ox86 PM MARA Ada Cross Ompiler, Version 4.6 F920509S1.11259 Validated by Registration Ienia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ACS 80x86PM, 40 ASE 920509S1.11259 Illiant Computer Al Validated Computer Al Validated Computer Vali	MACHINE & (OS) un-4/330 (under SunOS 1.11) bicroVAX 4000/200 (under MS /ersion 5.4) EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 2000, VAX 6000, VAX 8000, & AX 9000 Senes of computers (under VMS 5.4) Iliant FX/2800 (under oncentrix Release 2.0)	MACHINE & (OS) DSP96002ADS board (bare machine) Alenia MARA (80286-based) (under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	Alsys AlsyCOMP_004 Version 5.5.1 (BASE #901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045)	# MACHINE & (OS) HP Apollo 9000 Series 400 (under Damain/OS SR10.4) Bull DPX/2 320 (under B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10) HP 9000s350 (under HP-UX	MACHINE & (Any Host Same as Host
A	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Senes of omputers (under VMS 5.4)	Alenia MARA (80286-based) (under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	AlsyCOMP_004 Version 5.5.1 (BASE #901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_000,	Bull DPX/2 320 (under B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	Same as Host
A	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Senes of omputers (under VMS 5.4)	Alenia MARA (80286-based) (under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	AlsyCOMP_004 Version 5.5.1 (BASE #901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_000,	Bull DPX/2 320 (under B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	Same as Host
I-ADA/96K, Version 3.0 #911012W1.11225) Ilenia Aeritalia Selenia S.p.A ACS VAXVMS ta 0x86 PM MARA Ada Cross ompiler, Version 4.6 #920509S1.11259) /alidated by Registration Ilenia Aeritalia DI Selenia S.p.A ACS 80x86PM, 40 #930509S1.11259) Illiant Computer Al State Selenia S.p.A ACS 80x86PM, 40 #930509S1.11259) Illiant Computer Al Selenia Se	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of computers (under VMS 5.4)	Alenia MARA (80286-based) (under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	Version 5.5.1 (BASE #901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_0002,	Bull DPX/2 320 (under B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
#911012W1.11225) Ilenia Aeritalia	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	(under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	(BASE #901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
lenia Aeritalia Selenia S.p.A ACS VAX/VMS ta 0x86 PM MARA Ada Cross ompiler, Version 4.6 F920509\$1.11259) /alidated by Registration lenia Aeritalia Selenia S.p.A ACS 80x86PM, 40 ACS 80x86PM, 40 ASE co 7920509\$1.11259) //alidated by Registration lenia Aeritalia Selenia S.p.A ACS 80x86PM, 40 ACS 80x86	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	(under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	#901022A1.11044) Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) AlsyS AlsyCOMP_002,	B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
Selenia S.p.A	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	(under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	Alsys AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
Selenia S.p.A	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	(under Alenia Operating System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
ACS VAXVMS to 0x86 PM MARA Ada Cross ompiler, Version 4.6 #920509\$1.11259) /alidated by Registration lenia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ersion 4.60 VA JASE co 920509\$1.11259) Illiant Computer AI (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105) Illiant Computer AI (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105)	EC VAX-11, VAXserver, AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	System, Version 8.6 System) Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	AlsyCOMP_050, Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	B.O.S. 02.00.05) Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	
0x86 PM MARA Ada Cross ompiler, Version 4.6 £920509\$1.11259) /alidated by Registration lenia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ersion 4.60 VA JASE 920509\$1.11259) Illiant Computer AI (X/Ada-2800 Compiler, ersion 1.0 £901218W1.11105) Illiant Computer AI (X/Ada-2800 Compiler, ersion 1.0 £901218W1.11105)	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	Alenia MARA 80386-& 80486-based computers (under Alenia Operating System 8.6)	Version 5.3 (#901022A1.11045) *Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)	Any Host
ompiler, Version 4.6 #920509\$1.11259) /alidated by Registration lenia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ersion 4.60 VA JASE co 1920509\$1.11259) Illiant Computer Al (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105) Illiant Computer Al (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105)	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	*Yalidated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	/340 & /360 (under BOS 02.00.05 & 2.00.10)	Any Host
#920509\$1.11259) /alidated by Registration lenia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ersion 4.60 VA JASE CC 920509\$1.11259) Illiant Computer Al (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105) Illiant Computer Al (X/Ada-2800 Compiler, ersion 1.0 #901218W1.11105)	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	*Validated by Registration Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	/340 & /360 (under BOS 02.00.05 & 2.00.10)	Any Host
/alidated by Registration lenia Aeritalia DI Selenia S.p.A VA ACS 80x86PM, 40 ersion 4.60 VA ASE 920509\$1.11259) Illiant Computer All ristems Corporation lliant Computer, ersion 1.0 er901218W1.11105) Illiant Computer All ristems Corporation lliant Computer All ristems Corporation lliant FX/Ada-2800 Computer, ersion 1.0 er901218W1.11105)	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	/340 & /360 (under BOS 02.00.05 & 2.00.10)	Any Host
Ilenia Aeritalia DI	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	Alsys AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	/340 & /360 (under BOS 02.00.05 & 2.00.10)	Any Host
Initial Computer Al	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	AlsyCOMP_050, Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	/340 & /360 (under BOS 02.00.05 & 2.00.10)	
Selenia S.p.A	AXstation, MicraVAX, VAX 000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	80486-based computers (under Alenia Operating System 8.6)	Version 5.3 (BASE #901022A1.11045) Alsys AlsyCOMP_002,	02.00.05& 2.00.10)	
ACS 80x86PM, 40 ASE 720509\$1.11259) Iliant Computer 81ems 720 Iliant Computer 82ems 720 Iliant Computer 82ems 72ems 82ems 82e	000, VAX 6000, VAX 8000, & AX 9000 Series of omputers (under VMS 5.4)	Alenia Operating System 8.6)	#901022A1.11045) Alsys AlsyCOMP_002,	HP 9000s350 (under HP-UX	
ASE 920509\$1.11259) Illiant Computer Al vistems orporation Illiant X/Ada-2800 Compiler, ersion 1.0 F901218W1.11105) Illiant Computer vistems orporation Illiant FX/Ada	omputers (under VMS 5.4) liant FX/2800 (under	Same as Host	Alsys AlsyCOMP_002,	HP 9000s350(under HP-UX	
920509\$1.11259) liant Computer Al Stems Coopporation liant (VAda-2800 Compiler, ersion 1.0 er901218W1.11105) liant Computer Al Stems Coopporation liant FX/Ada	lliant FX/2800 (under	Same as Host	AlsyCOMP_002,	HP 9000s350(under HP-UX	
liant Computer All Stems Comporation Iliant (VAda-2800 Compiler, ersion 1.0 1901218W1.11105) Iliant Computer All Stems Comporation Iliant FX/Ada	· ·	Same as Host	AlsyCOMP_002,	HP 9000s350(under HP-UX	
ratems Coorporation liant (Ada-2800 Compiler, ession 1.0 r901218W1.11105) liant Computer Al stems Coorporation liant FX/Ada	· ·	Same as Host		-,	Same as Host
ratems Coorporation liant (Ada-2800 Compiler, ession 1.0 r901218W1.11105) liant Computer Al stems Coorporation liant FX/Ada	· ·	Same as Host		6.5)	
orporation liant V/Ada-2800 Compiler, ession 1.0 e901218W1.11105) liant Computer Al stems Co orporation liant FX/Ada	oncentrix Release 2.0)		Version J.J		
liant VAda-2800 Compiler, Irision 1.0 901218W1.11105) liant Computer Al stems Co proporation liant FX/Ada			(#901022A1.11046)		
VAda - 2800 Compiler, Irsion 1.0 901218W1.11105) Iliant Computer Al stems Co proporation Iliant FX/Ada					
rsion 1.0 901218W1.11105) iant Computer All stems Co proporation iant FX/Ada			*Validated by Registration		
ignt Computer All stems Corporation liant FX/Ada			Alsys	HP 9000 Series 300, all	Any Host
liant Computer Al stems Co proporation liant FX/Ada			AlsyCOMP_002,	models (under HP-UX 6.5 &	
stems Co orporation liant FX/Ada			Version 5.3	7.0)	
stems Co prporation liant FX/Ada			(BASE		
orporation liant FX/Ada	liant FX/80 (under	Same as Host	#901022A1.11046)		
iant FX/Ada	oncentrix Release 5.7)				
			*Validated by Registration		
ompiler, Version 2.3			Alsys	HP 9000 Series 300 & 400	Any Host
			ALCOMP_002	(all models) (under HP-UX	
901218W1.11106)			Version 5.5.1	8.0)	
			(BASE		
	AX 8530 (under VMS,	Same as Host	#901022A1.11046)		
-	ersion 5.1)		.1	5 370/01 1 5 05301	C 11
nsion 1.82			Alsys	Sun-3/260 (under SunOS 3.2)	Same as Host
90050911.11009)			AlsyCOMP_005, Version 5.	.3	
	11.027011 11.001	£ 11 .	(#901022A1.11047)		
	M 9370 Model 90 (under	Same as Host	*Validated by Resuttation		
-	X/370 Version 1.2)		*Validated by Registration	Sun 3/50 /40 /75 /80	Any Host
ersion 5.3			Alsys	Sun 3/50, /60, /75, /80,	Ally Host
±900627N1.11013)			AlsyCOMP_005, Version 5.3	/160, /260, /280, /470 & /480 (under SunOS 3.2, 3.5,	
ays Su	un-3/60 (under SunOS,	Same as Host	(BASE	4.0 & 4.1)	
	ersion 4.0.3)	Salife as Frost	#901022A1.11047)	4.0 & 4.1)	
irsion 1.82	#15IOH 4.0.3)		#701022A1:11047)		
90081411.11040)			*Validated by Registration		
70001411211040)			Alsys	Sun Microsystems Sun-3	Any Host
sys M	IIPS M/120-5 (under	Same as Host	AlsyCOMP 005	computer family (under	741,7154
	SC/os, Version 4.0)	Same Control	Version 5.5.1	SunOS 4.1.1)	
irsion 1.83	,,		(BASE		
90081411.11041)			#901022A1.11047)		
sys So	ony NEWS NWS-1850 (under	Same as Host	Alsys	CETIA Unigraph 6000 (under	Same as Host
	EWS-OS 3.3)		AbyCOMP_035,	Unigraph/X 3.1)	
ersion 5.3			Version 5.3	•	
901022A1.11043)			(#901022A1.11048)		
			·		
alidated by Registration			*Validated by Registration		
	ony NEWS series 1250,	Any Host	Alsys	Unigraph 1000/325,2000/50,	Any Host
yCOMP_046, 15	5xx, 17xx, 18xx & 19xx		AlsyCOMP_035,	2000/250,2000/325,	
rsion 5.3 (u	inder NEWS-OS versions 3.3		Version 5.3	3000/325-333,6000/325-333,	
ASE &	3.4)		(BASE	7000/325,8000/325& 9000	
P01022A1.11043)			#901022A1.11048)	(under Unigraph/X 3.1 &	
				3.1.1)	
	pollo DN 4000 (under	Same as Host			
_	omain/OS SR10.2)		*Validated by Registration		
rsion 5.3			Alsys	CETIA Unigraph models	Any Host
901022A1.11044)			AlsyCOMP_035	1000/325;2000/50,/250,	
			Version 5.5.1	/325; 3000/325-333;	
alidated by Registration	II DAIGOGO CHICEGO		(BASE	6000/325-333;7000/325/	
	pollo DN3000, DN3500,	Any Host	#901022A1.11048)	8000/325;& 9000 (under	
_	N4000 & DN4500 (under			Unigraph/X 3.2c.1)	
	omain/OS SR10.2 & SR10.3)		41	C D. I . 3011	C g- U
			Alsys	Compaq Deskpro 386 (under	Same as Host
ASE 32A			AlsyCOMP_016		
rsion 5.3 Di ASE 201022A1.11044)			Version 5.1	MS-DOS 3.30, Phar Lap 2.0)	

VENDOR, COMPIL & CERTIFICATE ;		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
N/ E1 . It 5			Ala a	INDUSTRICATION OF THE PROPERTY	INITIAL SOLUTION AND A SOLUTION AND
Validated by Registration	Any Computer System that	Any Host	Alsys AlsyCOMP_037,	INMOS T800 transputer on a B405 TRAM (bare) with an	INMOS T800 transputer on a B405 TRAM (bare) using an
Alsys AlsyCOMP 016	executes the Intel 80386 or	Ally Host	Version 5.2	INMOS 8008 Communications	IBM PC/AT under MS-DOS 3.1
/ersion 5.1.1	80486 instruction set		(#901114N1.11065)	link implemented in an IBM	running INMOS Iserver 1.3
BASE	(under MS/DOS 5.0 & Phar		(#701114141.11083)	PC/AT (under MS-DOS 3.1 and	for file-server support via
≠901102W1.11055)	Lap 4.0)			INMOS Iserver V1.3)	an INMOS B008 board link
	•			,	
'Validated by Registration Alsys	Any computer that executes	Same as Host	*Validated by Registration Alsys	INMOS T800 transpuler on a	INMOS T800 transputer on a
ALS COMP_085,	the Intel 80386, 80486, or	Sume as Trasi	AlsyCOMP 037,	B403 TRAM (bare) with an	B405 TRAM (bare) using an
/5.1.3	Pentium instruction set		V5.3	INMOS 8008 Cammunications	IBM PC/AT under MS-DOS 3.1
BASE	(under MS-DOS 6.20 & Phar		(BASE	link implemented in an IBM	running INMOS Iserver 1.3
≠901102W1.11055)	tap TNT 6.1, with		#901114N1.11065)	PC/AT (under MS-DOS 3.1 and	far file-server support via
701102111.11033)	MS-Windows 3.1)		270111411111003)	INMOS Iserver V1.3)	an INMOS BOO8 board link;
	115-1111don3 0.11				INMOS T425 transputer on a
Alsys	CompuAdd 320 (under MS-DOS	Same as Host			B403 TRAM (bare) using an
AlsyCOMP 016	3.30, Phar Lap 2.0)	33			IBM PC/AT under MS-DOS 3.1
/ersion 5.1	0.00, 1 Mar cap 2.0,				running INMOS Iserver 1.3
#901102W1.11056)					for file-server support via
,					an INMOS 8008 board link
Validated by Registration		•			
Alsys	HP Vectra RS/20, RS/20C,	Any Host	*Validated by Registration	NU 105 7065	100 T000
ALSYCOMP_016,	RS/25 & RS/25C; AST Premium		Alsys	INMOS T800 transputer on a	INMOS T800 transputer an a
Version 5.1	386; and Unisys 386 &		Alsycomp_037	B405 TRAM board (bare),	B405 TRAM (bare), using an
BASE	Desktop III (under MS-DOS		Version 5.4.2	with an INMOS BOOB	IBM PC/AT under MS-DOS 3.1
#901102W1.11056)	3.30, Phar Lap 2.0)		(BASE	Communications link	running INMOS Iserver V1.42h
			#901114N1.11065)	implemented in an IBM PC/AT	for file-server support via
Validated by Registration		S		(under MS-DOS 3.1 and INMOS	an INMOS B008 board link and INMOS T425 transputer on a
Alsvs	Any Computer System	Same as Host		Iserver V1.42h)	
AlsyCOMP_016	Comprising: cpu: Intel				B403 TRAM (bare), using an IBM PC/AT under MS-DOS 3.1
Version 5.1	B0386; fpu: optional;				running INMOS Iserver V1.42h
(BASE	memory: 5 MByte RAM; disk:				for file-server support via
#901102W1.11056)	10 MByte (under MS-DOS				an INMOS 8008 board link
	3.30, Phar Lap 2.0)				dir il vivies book books illik
Alsys	ALR Power Veisa 486 (under	Same as Host	Alsys	HP 9000s350(under HP-UX	Motorala MVME101 (68000)
AlsyCOMP 016	MS-DOS 3.30, Phar Lap 2.0)	Julie as 1100	AlsyCOMP_012,	6.5)	(bare machine, using ARTK
Version 5.1			Version 5.3	,	Version 5.3)
(#901102W1.11057)			(#901116A1.11066)		
Alsys	HP Vectra RS/25C (under	Same as Host	*Validated by Registration	110 0000 6 200 11 11	14-4
AlsyCOMP_003	MS-DOS 3.30)		Alsys	HP 9000 Series 300, Models	Motorola MVME101 (68000), MVME121 (68010), MVME135-1
Version 5.1			AlsyCOMP_012, Version 5.3	340, 345, 360, 370 & 375 (under HP-UX 6.5 & 7.0)	(68020/68881)& MVME147-1
(#901102W1.11058)			(BASE	(UNGET HT-0X 0.3 & 7.0)	(68030/68882)bare
*Validated by Registration			#901116A1.11066)		machines, using ARTK 5.3)
Alsys	Unisys Desktop III (under	Same as Host	<i>",</i> 01110		3
AlsyCOMP 003,	MS-DOS 3.30)		*Validated by Registration		
Version 5.1	,		Alsys	HP 9000 Series 300 (all	Motorola M68332EVS
(BASE			AlsyCOMP_012,	models) (under HP-UX 6.5 &	Evaluation System Customers
#901102W1.1105B)			Version 5.3	7.0)	(CPU32) (bare machine, using
			(BASE		ARTK 5.3)
Validated by Registration			#901116A1.11066)		
Alsvs	Any Computer System that	Any Host	av. b		
Als COMP_003	executes the Intel 80286,		*Validated by Registration		
Version 5.1	80386, or 80486 instruction		Alsys	HP 9000 Series 400 (all	Molorola MVME 131, MVME133,
(BASE	set (under MS/DOS 5.0)		AbyCOMP_012	models) (under HP-UX 8.0)	MVME133XT, MVME135, &
#901102W1.11058)			Version 5.5.1		MVME147 (68020 & 68030
			(BASE		cpu.s) (bare machines, using
Alsys	Zenith Z-248 Model 50	Same as Host	#901116A1.11066)		VRTX32); Moiorola MVME101, MVME121, MVME 131, MVME133.
AlsyCOMP_003	(under M\$-DO\$ 3.30)				MVME133XT, MVME135, MVME147
Version 5.1					& MVME167 (68000, 68010,
(#901102W1.11059)					68020, 68030, & 68040 cpu.s)
"Validated by Registration					(bare machines, using ARTK
Alsys	ICS SB286SC/12 (under	Same as Host			Version 5.5.1)
AlsyCOMP_003,	MS-DOS 3.30)				
Version 5.1	,		*Validated by Registration		
(BASE			Alsys	Sun SPARCstation &	Motorala MVME101, MVME121,
#901102W1.11059)			AlsyCOMP_048	SPARCserver computer	MVME131, MVME133, MVME133X
			Version 5.5.1	families; SPARCcenter 2000	MVME135, M68332EVS, MVME147
*Validated by Registration			(BASE	(under SunOS 4.1.2);	& MVME167 (6B000, 68010,
Alsys	HP Vectra ES/12; and IBM	Any Host	#901116A1.11066)	Solbourne Series 5/100,	68020, 68030, & 68040 cpu.s)
AlsyCOMP_003,	PC/AT (all models) (under			/530, /600, /670, /800,	(bare machines, using ARTK
Version 5.1	MS-DOS 3.30)			5E/900; & \$4000 (under	Version 5.5.1)
(BASE				OS/MP 4.1A.1)	
•					

VENDOR, COMPIL * CERTIFICATE		TARGET	VENDOR, COMPILE		TARGET
a CERTIFICATE ?	MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS)
Validated by Registration Alsys AlsyCOMP_063 (ersion 5.5.1 BASE	HP 9000 Series 700 (all models) (under HP-UX 9.0)	Motorola MVME101, MVME121, Mo8332EVS, MVME131, MVME133, MVME133XT, MVME135, MVME147, & MVME167 (68000-, 68010-,	Alsys AlsyCOMP_017, Version 5.2 (#901118N1,11064)	MicroVAX II (under VMS V5.3)	INMOS T425 transputer on a 8403 TRAM (bare) using the Host running INMOS (server 1.3 for file-server support via a CAPLIN QTO board link
#901116A1.11066)		68020-, 68030-, & 68040-based single-board computers) (bare machines, using ARTK 5.5.1)	*Validated by Registration Alsys AlsyCOMP_017,	MicroVAX II (under VMS V5.3)	INMOS T425 transputer on a 8403 TRAM (bare) using the
Validated by Registration NIS vs NIS vCOMP_048, (5.5.2 BASE #901116A1.11066) Validated by Registration	Sun Microsystems Sun-4, SPARCstation, & SPARCserver series of computers; and SPARCcenter 2000 (under SunOS 4.1.2)	Motorola MVME10, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, & MEN A4 (68332)(bare machines, using ARTK 5.5.2)	V5.3 (BASE #901118N1.11064)		Host running INMOS Iserver 1,3 for file-server support via a CAPLIN QTO board link; INMOS T800 transputer on a 8405 TRAM (bare) using the Host running INMOS Iserver 1,3 for file-server support via a CAPLIN QTO board link
NS 15 NS 15 V5.5.2 BASE #901116A1.11066)	Hewlett-Packard HP9000 Series 700 (under HP-UX 9.0)	Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, MEN A4 (68332)(bare machines, using ARTK 5.5.2)	*Validated by Registration Alsys Alsycomp_017 Version 5.4.3 (BASE	MicroVAX II (under VMS V5.3)	INMOS T425 transputer on a 8403 TRAM (bare), using the Host running INMOS (server V1.42i for file-server
Validated by Registration Ilsvs IlsvCOMP_79, (5.5.2 BASE #901116A1.11066)	IBM RS/6000 models M20. 220/225/22W,230/235/23W, 34H, 355, 360, 365, 370, 375/37T, 55L, 570, 580, 58H, 590, 97B, 98B, & 990; CETIA models SBW 225, 2225,	Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, & MEN A4 (68332) (bare machines, using ARTK 5.5.2)	#901118N1.11064)		support via a CAPLIN QTO board link and INMOS T800 transputer on a 8405 TRAM (bare), using the Host running INMOS Iserver VI.42; for file-server support via a CAPLIN QTO board link
nls vs	2230, 334H, 3355, 3360, 3365, 3370, 3375, 5580, 558H, 5590, & 9990 (under AIX Version 3.2) Apollo DN4000 (under	Motorola MVME147-1	*Validated by Registration Alsys VAX/VMS to INMOS T800 Ada BSMART cross compiler,	VAXstation 4000 Model 60 (under VMS 5.5-2)	INMOS T800 transputer implemented on a 8417 TRAM (bare), using the Host running INMOS (server 1.5
NsyCOMP_036, /ersion 5.3 #901116A1.11067)	Domain/OS SR10.2)	(68030/68882)(bare machine, using ARTK Version 5.3)	V5.4.8 (BASE #901118N1.11064)		for file-server support via an INMOS B300 TCPlink
Validated by Registration Nsys NsyCOMP_036, Version 5.3 BASE	Apollo DN 3000, 3500, 4000 & 4500 (under Domain/OS SR10.2 & SR10.3)	Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881)& MVME147-1 (68020/68881)& MVME147-1	Alsys AlsyCOMP_018 Version 5.2 (#901120A1.11070)	MicroVAX 3100 (under VMS 5.3)	Same as Host
¥901116A1.11067) Validated by Registration		(68030/68882)bare machines, using ARTK 5.3)	*Validated by Registration Alsys AlsyCOMP_018,	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX	Any Host
NSys NSyCOMP_036 (ersion 5.5.1 BASE #901116A1.11067)	HP 9000 Series 400 (all models) (under DomainOS SR 10.4)	Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s)	Version 5.2 (BASE #901120A1.11070)	4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported) (under VMS 5.2 & 5.4)	
kls ys	Sun 3/260 (under SunOS 3.2)	(bare machines, using ARTK Version 5.5.1)	Alsys AlsyCOMP_006, Version 5.3 (#901125N1.11071)	IBM 9370 Model 90 (under VM/IS CMS release 5.1)	Same as Host
klsyCOMP_015, /ersion 5.3 #901116A1.11068)		(bare machine, using ARTK Version 5.3)	Alsys AlsyCOMP_023, Version 5.3	IBM 370 3084Q (under MVS/XA release 3.2)	Same as Host
Validated by Registration Alsys AlsyCOMP_015, (ersion 5.3 BASE #901116A1.11068)	Sun 3/50, /60, /75, /80, /160, /260, /280, /470 & /480 (under SunOS 3.2, 3.5, 4.0 & 4.1)	Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881)& MVME147-1 (68030/68882)(bare machines, using ARTK 5.3)	(#901125N1.11072) Alsys AlsyCOMP_011, Version 5.3 (#901127A1.11069)	VAX 6210 (under VMS 5.2)	Motorola MVME135-1 (68020/68881)(bare machine, using ARTK Version 5.3)
Validated by Registration issys IsyCOMP_015 (ersion 5.5.1 BASE 4901116A1.11068)	Sun Microsystems Sun-3 computer family (under SunOS 4.1.1)	Motorola MVME 131, MVME133, MVME133XT, MVME135, & MVME147 (68020 & 68030 cpu.s) (bare machines, using VRTX32); Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020,	*Validated by Registration Alsys AlsyCOMP_011, Version 5.3 (BASE #901127A1.11069)	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported) (under VMS 5.2, 5.3 & 5.4)	Motorala MVME101 (68000), MVME121 (68010), MVME135 (68020/68881)& MVME147-1 (68030/68882)(bare machines, using ARTK 5.3)

/ENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (O
Validated by Registration Usys	DEC VAX-11, VAXserver,	Motorola MVME101 (68000),	*Validated by Registration Alsys	Zenith Data Systems	Same as Host
syCOMP_011	VAXstation, MicroVAX, VAX	MVME121 (68010), MVME133XT &	AlsyCOMP_034,	Z-Station 433 DEh (under	Junie us mosi
ersion 5.3.1	4000, VAX 6000, VAX 8000, &	MVME135-1 (68020),&	Version 5.1.2	SCO Unix 3.2.4 running	
ASE	VAX 9000 series of	MVME1 47-1 (68030) (bare	(BASE	SecureWareCMW+ Version	
901127A1.11069	computers (under VMS 5.2,	machines, using ARTK 5.3.1)	#901221W1.11103)	2.2)	
	5.3, & 5.4, as supported)	,	,	,	
			*Validated by Registration		
alidated by Registration	6 0 1 30/70	1	Alsys	Any computer system that	Any Host (same OS as Hos
sys	Campaq Deskpro 386/20	Motorola MVME101, MVME121,	AlsyCOMP_034	executes the Intel 80386 or	
SYCOMP_028	(under DOS 3.31 & 5.0)	MVME131, MVME133, MVME133XT,	Version 5.5	1486 instruction set (under	
arsion 5.3 ASE		MVME135-1, MVME147-1, M68332EVS(68000, 68010,	(BASE #901221W1.11103)	SCO Open Desktop 2.0 with SCO Unix version 3.2.4,	
901127A1.11069)		68020, & 68030 cpu.s) (bare	7,0.22	Interactive Unix 3.2.2, or	
,0112,11111007,		machine, using ARTK Version		AT&T Unix System V Release 4.0)	
		5.3)			
			*Validated by Registration		
alidated by Registration			Alsys	SAIC LCU V2 (under SCO Open	Same as Host
sys	DEC VAX-11, VAXserver,	Motorola MVME 131, MVME133,	AlsyCOMP_034	Desktop 2.0 (SCO Unix	
SYCOMP_011	VAXstation, MicroVAX, VAX	MVME133XT, MVME135, &	Version 5.1.2	3.2.4))	
ersion 5.5.1	4000, VAX 6000, VAX 8000, &	MVME147 (68020 & 68030	(8ASE		
ASE 901127A1.11069)	VAX 9000 computer series (under VMS 5.4)	cpu.s) (bare machines, using VRTX32); Motorola MVME101,	#901221W1.11103)		
70112721.11007	(olider viva 3.4)	MVME121, MVME131, MVME133,	Alsys	Apple Macintosh Ilcx (under	Same as Host
		MVME133XT, MVME135,	AlsyCOMP_043,	Macintosh System Software	
		M68332EVS, MVME147, &	Version 5.3	6.0.5)	
		MVME167 (68000, 68010,	(#901221W1.11104)		
		68020, 68030, & 68040 cpu.s)			
		(bare machines, using ARTK	Alsys	I8M PS/2 Model 80 (under	Same as Host
		Version 5.5.1)	AlsyCOMP_034	LynxOS Version 2.0 +	
			Version 5.1	Threads Release 11)	
alidated by Registration			(#910129W1.11113)		
sys	Sun-4/690 (under SunOS	Same as Host	eV-1:d-1-d t D:-t		
ileGen2Ada Host evelopmentSystem for	release 5.3)		*Validated by Registration Alsys	18M PS/2 Models 70-xx &	Any Host
ARCsystems, Version 2a			AlsyCOMP 034,	80-xxx (under LynxOS	Ally Hosi
ASE			Version 5.1	Version 2.0 Release 15)	
901128W1.11090)			(8ASE	va.s.c., 2.0 No.0030 10,	
,			#910129W1.11113)		
sys	Multitech 1100 (under SCO	Same as Host			
syCOMP_034,	Unix 3.2)		*Validated by Registration		
ersion 5.1			Alsys	Any computer system that	Same as Host
#901221W1.11103)			AlsyCOMP_070	executes the Intel 80386 or	
4 P 1 - 11 - 0			Version 5.5.3	i486 instruction set (under	
/alidated by Registration	F 4GL 2000D C	Each Host, self-targetted	(8ASE #910129W1.11113)	LynxOS, Version 2.1)	
sys syCOMP 034,	Everex AGI 3000D, Campaq Deskpra 386 & SAI	Each Host, sell-largelled	#710127471.11113)		
ersion 5.1	Technologies Army		*Validated by Registration		
ASE	Lightweight Computer Unit		Alsys	IBM PS/2 Model 80 series	Same as Host
901221W1.11103)	(LCU V2) (under Interactive		AlsyComp_034	(under LynxOS v2.2)	
· ·	Unix 3.2)		Version 5.5.6		
			(8ASE		
alidated by Registration			#910129W1.11113)		
sys	Prime MBX (under Prime Unix	Same as Host	Alexan	S 2/60/w-d SOS	KWS EB68020 (under
syCOMP_034, ersion 5.1	V.4)		Alsys AlsyCOMP 056,	Sun 3/60 (under SunOS, Version 4.0.3)	OS-9/68020, Version 2.3)
ASE			Version 1.82	78131011 4.0.0)	C3-7,00020,18/3/0// 2/0/
901221W1.11103)			(#910131i1.11127)		
alidated by Registration			Alsys	VAX 8530 (under VMS,	KWS E868020 (under
sys	Any Computer System	Each Host, self-targetted	AlsyCOMP_055,	Version 5.3-1)	OS-9/68020, Version 2.3)
syCOMP_034,	comprising: cpu: Intel		Version 1.82		
ersion 5.1	80386 or 80486; fpu:		(#91020111.11128)		
ASE	optional (under a Unix		Alam	Compuedd 325 fundar DOS	Intel :S8C 386/116(bare
901221W1.11103)	3.2-based OS)		Alsys AlsyCOMP_029,	CompuAdd 325 (under DOS 3.31)	machine, using ARTK 5.3)
alidated by Registration			Version 5.3	0.01)	
sys	Any Computer System that	Any Host	(#910323W1.11131)		
syCOMP_034	executes the Intel 80386 or	,	(
ersion 5.1	80486 instruction set		*Validated by Registration		
ASE	(under SCO Open Desktop 1.1		Alsys	Any Computer System that	Any 80486 single board
901221W1.11103)	& SCO Unix 3.2, SCO Open		AlsyCOMP_029,	executes the Intel 80386 or	computer (bare machine,
	Desktop 2.0 & SCO Unix		Version 5.3.1	80486 instruction set	using ARTK 5.3)
	3.2.4, Interactive Unix		(8ASE	(under MS-DOS version 5.0 &	
			#910323W1.11131)	Phar Lap version 4.0)	
	3.2.2, and AT&T Unix System		1710020111111017		
	3.2.2, and AT&T Unix System V Release 4.0)			145VAVII /	Intel (SRC 386/31 /bara
			Alsys	MicroVAX II (under VMS 5.2)	Intel iSBC 386/31 (bare
				MicroVAX II (under VMS 5.2)	Intel iSBC 386/31 (bare machine, using ARTK 5.3)

VENDOR, COMPILI & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (08
			_ <u> </u>		
Validated by Registration			*Validated by Registration		
Alsys	MicroVAX II (under VMS 5.2)	Any 80386 single board	Alsys	DEC DECstation & DECsystem	Any Host
ALSYCOMP_030,		computer (bare machine,	ALSOCOMP_057,	computer families (under	
ersion 5.3.1		using ARTK 5.3)	Version 1.83-01	ULTRIX 4.0 & 4.2)	
BASE		,	(BASE	·	
≠910323W1.111∪_j			#910625(1.11193)		
Validated by Registration			*Validated by Registration		
Alsys	Any Computer System that	Any Intel486 DX2 single	Alsys	Macintosh IIx & IIfx (under	Same as Host
ALSYCOMP_029	executes the Intel 80386 or	board computer (bare	TeleGen2Ada Host	A/UX 3.0 Secure)	
Version 5.3.1	80486 instruction set	machine, using ARTK 5.3)	Development		
(BASE	(under MS-DOS 5.0 or higher		System for MacII		
#910323W1.11132)	version, and PharLap v4.0)		Systems, Version 4.1		
			(BASE		
Validated by Registration			#91072111.11194)		
Alsys	MicroVAX II (under VMS 5.2)	Any Intel 486 DX2 single			
AlsyCOMP_030		board computer (bare	Alsys	IBM RISC System 6000, model	Same as Host
Version 5.3.1		machine, using ARTK 5.3)	AlsyCOMP_024,	520 (under AIX v3.1)	
BASE			Version 5.3		
≠910323W1.11132)			(#910809W1.11195)		
Validated by Registration			*Validated by Registration		
Alsys	Sun Microsystems Sun-4,	Any Intel486 DX2 single	Alsys	IBM RISC System 6000 (all	Any Host
AlsyCOMP_052	SPARCstation, & SPARCserver	board computer (bare	AlsyCOMP_024 V5.4	models) (under AIX 3.2)	
Version 5.3.1	computer families (under	machine, using ARTK 5.3)	(BASE		
BASE	SunOS 4.1)		#910809W1.11195)		
≠910323W1.11132)					
			Alsys	Unisys B39 (under BTOS II,	Same as Host
Als ys	Sun 3/140 (under SunOS 4.1)	Intel iSBC 386/12 (bare	AlsyCOMP_05B,	v3.2.0)	
AlsyCOMP_033,		machine, using ARTK 5.3)	Version 5.3		
Version 5.3			(#910809W1.11196)		
#910323W1.11133)					
			Alsys	HP Vectra RS/25C (under DOS	Unisys B39 (under BTOS II)
Validated by Registration			AlsyCOMP_040,	3.30)	v3.2.0)
Alsys	Sun Microsystems Sun-4,	Intel iSBC 3B6/31, iSBC	Version 5.3		
AlsyCOMP_052,	SPARCserver, & SPARCstation	386/1 xx, iSBC 486/1 xx (bare	(#910B09W1.11197)		
Version 5.3.1	computer families (under	machines, using ARTK 5.3)			
(BASE	SunOS 4.1)		Alsys	HP 9000 Series 700 Model	Same as Host
≠910323W1.11133)			AlsyCOMP_062,	720 (under HP-UX, Version	
			Version 5.35	A.BB.05 (release 8.05))	
'Validated by Registration			(#911107W1.11227)		
Alsys	Sun Microsystems Sun-4,	Intel iSBC 386/31, iSBC			
AlsyComp_084	SPARCstation, & SPARCserver	386/1xx, & iS8C 486/1xx	*Validated by Registration		110 0000 S
Version 5.5.1	computer families (under	(bare machines, using ARTK	Alsys	HP 9000 Series 700, all	HP 9000 Series 700, all
BASE	Solaris 2.1)	5.3)	AlsyCOMP_062	models (under HP-UX,	models (under HP-UX, Vers
#910323W1.11133)			Version 5.35	Version A.BB.05 (release	A.88.05 (release 8.05))
			(BASE	B.05)); HP 9000 Series B00,	
Alsys	VAX 8530 (under VMS Version	Integrated Device Technology	#911107W1.11227)	all models (under HP-UX,	
AlsyCOMP_049,	5.3-1)	ID17RS301System		Version A.BB.00 (release	
/ersion 1.83		(R3000/R3010)(bare machine)		8.00))	
#91040711.11144)			01/ 1:1 - 11 - 2		
			*Validated by Registration		
'Validated by Registration			Alsys	HP 9000 Series 700, all	HP 9000 Series 700, all
llsys	VAX 8530 (under VMS 5.3-1)	Lockheed Sanders STAR MVP	AlsyCOMP_062	models (under HP-UX,	models (under HP-UX, Ver
AlsyCOMP_049,		(R3000/R3010)(bare machine)	Version 5.5.1	Version 9.01); HP 9000	9.01)
Version 1.83-01			(BASE	Series BOO, all models	
BASE			#911107W1.11227)	(under HP-UX, Version 9.0)	
¢910407I1.11144)					
			*Validated by Registration		110.0000 17.007 19.15
Validated by Registration			Alsys	HP 9000 Senes 700, all	HP 9000/742RT VME boo
Alsys	DEC VAX-11, VAXserver,	Lockheed Sanders STAR MVP	AlsyCOMP_076,	models (under HP-UX,	(under HP-RT, Version 1.1)
NsyCOMP_049,	VAXstation, MicraVAX, VAX	board (R3000/R3010)(bare	Version 5.5.2	Version 9.1)	
Version 1.84	4000, VAX 6000, VAX 8000, &	machine)	(BASE		
BASE	VAX 9000 series of		#911107W1.11227)		
¥910407I1.11144)	computers (under VMS 5.3 & 5.4)		ALC 10.1		
• 1	0.00		*Validated by Registration	NB 0000 S 300 "	HB 00005 700!!
lsys	DECstation 3100 (under	Same as Host	Alsys	HP 9000 Series 700, all	HP 9000 Series 700, all
AlsyCOMP_057,	ULTRIX Version 4.0)		AlsyCOMP_062	models (under HP-UX,	models (under HP-UX, Ver
/ersion 1.83			Version 5.5.2	Version 9.01); HP 9000	9.01)
# 910625H.11193)			(BASE	Series 800, all models	
			#911107W1.11227)	(under HP-UX, Version 9.0)	
Validated by Registration					
Alsys	Sun Microsystems Sun-4,	Any Host	Alsys	HP 9000 Series 800 Model	Same as Host
AlsyCOMP_072	SPARCstation, & SPARCserver		AlsyCOMP_062,	835 (under HP-UX, Version	
Version 5.5.2	computer families (under		Version 5.35	A.88.00 (release 8.00))	
BASE	Solaris 2.3)		(#911107W1.1122B)		
#911119A1.11231)	30.0.0		(**************************************		

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE		TARGET MACHINE & (OS)
Validated by Registration	HP 9000 Senes 700, all	HP 9000 Series 800, all	*Validated by Registration Alsys	DEC DECitation & DECitystem	Lockheed Sanders STAR MVP
alsys alsyCOMP_062	models (under HP-UX,	models (under HP-UX, Version	AlsyCOMP 061,	computer families (under	board (R3000/R3010),
ersion 5.35	Version A.B8.05 (release	A.B8.00 (release 8.00))	Version 1.84-01	ULTRIX 4.2)	Integrated Device Technology
BASE	8.05)); HP 9000 Series 800,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(BASE		IDT7RS385board (R3081E)
911107W1.11228)	1 nodels (under HP-UX, Version A.88.00 (release 8.00))		#92042911.11251)		(bare machines)
Validated by Registration	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Alsys AlsyCOMP_069,	Control Data 4336 (under IC/IX 1.0.2)	Same as Host
ds vs	HP 9000 Series 800 Models	Any Host	Version 1.83	, _, , ,	
IsyCOMP_062	807, 817, 847, & 867 (under		(#92073011.11262)		
ersion 5.35	HP-UX B-Level Security				
BASE	Operating System, Version		*Validated by Registration	Control Data 4000 series of	Any Host
1911107W1.11228)	A.08.08)		Alsys AlsyCOMP 069,	computers (under TC/IX	Ally riosi
Validated by Registration			Version 1.83	1.0.2 & 1.1)	
ls ys	HP 9000 Series 700, all	HP 9000 Series 800, all	(BASE	,	
lsyCOMP_062	models (under HP-UX,	models (under HP-UX, Version	#92073011.11262)		
ersion 5.5.1	Version 9.01); HP 9000	9.0)			
BASE	Series 800, all models		*Validated by Registration		
≠911107W1.11228)	(under HP-UX, Version 9.0)		Alsys	Control Data 4000 series of	Any Host
wet to the first of the second			AlsyCOMP_069,	computers (under TC/IX 1.2)	
Validated by Registration	HP 9000 Series 700, all	HP 9000 Series 800, all	Version 1.83 (BASE		
Alsys AlsysCOMP 062	models (under HP-UX,	models (under HP-UX, Version	#920730I1.11262)		
ersion 5.5.2	Version 9.01); HP 9000	9.0)	* 72073011.11232		
BASE	Series 800, all models	,,	*Validated by Registration		
≠911107W1.11228)	(under HP-UX, Version 9.0)		Alsys	Sun-4/690 (under SunOS 5.3)	Algorithmics p-4000i (R4000)
			TeleGen2Ada		(bare machine)
Alsys	Sun SPARCstation 2 (under	Same as Host	Cross Development		
AlsyCOMP_072	SunOS 4.1.1)		System for SUN-4		
/ersion 5.37			to eMIPS, Version 2a		
#911119A1.11231)			(BASE #92102911.11295)		
Validated by Registration			#72102711.11273)		
dsys	Sun SPARCstation ELC, IPC &	Any Host	Alsys	HP 9000 Series 800 Model	Same as Host
AlsyCOMP_047,	IPX; SPARCserver 330, 370,		AlsyCOMP_062	827 (under HP-UX Version	
ersion 5.37	390, 470, 490, 630MP, 670MP		Version 5.35	8.02)	
BASE	& 690MP (under SunOS 4.1.1)		(#921118N1.11298)		
#911119A1.11231)				IR. 4 F5 (0000) 4 -1 (10	S W4
Within the Distriction			Alsys AlysCOMP_073,	IBM ES/9000 Model 610 (under AIX/ESA Version 2)	Same as Host
Validated by Registration Alsys	Solbourne Series 5/500,	Any Host	Version 5.3	(under AIX COA Version 2)	
AlsyCOMP 047,	/530, /600, /670, /800 &	rany ricon	(#921126N1.11300)		
/ersion 5.37	5E/900; and \$4000 (under		,		
BASE	OS/MP 4.1)		Alsys	CompuAdd 433 (under MS-DOS	Intel iSBC 186/100(bare
#911119A1.11231)			AlsyCOMP_019	5.0 running Phar Lap 4.0)	machine)
			Version 5.3.1		
Validated by Registration	51.00		(#921210W1.11302)		
Alsys	SPARCstation ELC, IPC, &	Any Host	*Validated by Pagetration		
AlsyCOMP_047 Version 5.5.1	IPX; SPARCserver 330, 370, 390, 490, 690MP, 670MP, &		*Validated by Registration Alsys	Sun Microsystems Sun-4,	Any Intel 8086, 80186, or
BASE	690MP (under SunOS 4.1.1)		AlsyCOMP 065,	SPARCserver, and	80286 single-board compute
#911119A1.11231)	575174 (GIREAT SUITES 4.11.11)		Version 5.3	SPARCstation computer	(bare machine, running ARTK
			(BASE	families (under SunOS 4.1)	5.3)
Validated by Registration			#921210W1.11302)		
Alsys	Solbourne Series 5/500,	Any Host			
AlsyCOMP_047	/530, /600, /670, /800, &		*Validated by Registration	C	Any 80C186EB-&
PACE	5E/900; & \$4000 (under		Alsys	CompuAdd 433 (under MS-DOS	80C188EB-based single-boar
BASE #01111041 112311	OS/MP 4.1)		AlsyCOMP_019 Version 5.3.1	5.0 running Phar Lap 4.0)	camputers (bare machines)
#911119A1.11231)			(BASE		
Validated by Registration			#921210W1.11302)		
Alsys	Sun Microsystems Sun-4,	Any Host			
	SPARCstation, & SPARCserver		Alsys	HP 9000 Series 800 Model	Same as Host
NsyCOMP_047	computer series (all		Alsys Ada	807 (under HP-UX BLS	
ersion 5.5.1	1111 1 21 21		Software Development	Version A.08.08)	
/ersion 5.5.1 BASE	models) (under Solaris 2,1)		Environment for HP 9000		
/ersion 5.5.1 BASE	models) (under Solaris 2.1)				
/ersion 5.5.1 BASE #911119A1.11231)		1 11.15. 1 67/01/05	Series 600, 700 & 800,		
/ersion 5.5.1 BASE #911119A1.11231)	DECstation 3100 (under	Lackheed Sanders STAR MVP	Version 5.35		
/ersion 5.5.1 BASE #911119A1.11231) Alsys AlsyCOMP_061,		board (R3000/3010)(bare			
/ersion 5.5.1 BASE #911119A1.11231) Nays NayCOMP_061, /ersion 1.83	DECstation 3100 (under		Version 5.35 (#93011581.11305)	HP 9000 Series 800 Model	Same as Host
/ersion 5.5.1 BASE #911119A1.11231) Nlsys NlsyCOMP_061, /ersion 1.83	DECstation 3100 (under	board (R3000/3010)(bare	Version 5.35	HP 9000 Series 800 Model 817 (under HP-UX BLS	Same as Host
AlsyCOMP_047 /ersion 5.5.1 BASE #911119A1.11231) Alsys AlsyCOMP_061, /ersion 1.83 #92042911.11251) Validated by Registration	DECstation 3100 (under	board (R3000/3010)(bare	Version 5.35 (#93011581.11305) Alsys		Same as Host
Version 5.5.1 BASE #911119A1.11231) Alsys AlsyCOMP_061, Version 1.83 #92042911.11251) Validated by Registration	DECstation 3100 (under	board (R3000/3010)(bare	Version 5.35 (#93011551.11305) Alsys Alsys Ada	817 (under HP-UX BLS	Same as Host
Version 5.5.1 BASE #911119A1.11231) Alsys AlsyCOMP_061, Version 1.83 #92042911.11251) *Validated by Registration Alsys AlsyCOMP_061,	DEC DEC station & DEC system computer families (under	board (R3000/3010)(bare machine)	Version 5.35 (#93011551.11305) Alsys Alsys Ada Software Development Environment for HP 9000 Series 600, 700 & 800,	817 (under HP-UX BLS	Same as Host
/ersion 5.5.1 BASE #911119A1.11231) Valsys Nas/COMP_061, (ersion 1.83 #92042911.11251) Validated by Registration Nasys	DECstation 3100 (under ULTRIX Version 4.2) DEC DECstation & DECsystem	board (R3000/3010)(bare machine) Lockheed Sanders STAR MVP	Version 5.35 (#93011551.11305) Alsys Alsys Ada Software Development Environment for HP 9000	817 (under HP-UX BLS	Same as Host

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS
Ale	UR 0000 S 200 M	C	41 / 6	VAY 8360 () WAS V	VAV 93501 - 4 VAIS V
Alsys Alsys Ada	HP 9000 Series 800 Model 847 (under HP-UX BLS	Same as Host	Alsys / German MoD	VAX 8350 (under VMS Version 5.4-1, with CAIS Version	VAX 8350 (under VMS Versio 5.4-1)
Software Development	Version A.08.08)		NATO SWG on APSE	5.5E)	3.4-1)
Environment for HP 9000	version 2.00.00)		Compiler for	3.30)	
Series 600, 700 & 800,			VAXVMS, Version		
/ersion 5.35			VC1.82-02		
# 930115\$1.11307)			(#91111811.11236)		
Alsvs	HP 9000 Series 800 Model	Same as Host	Alsys / German	VAX 8350 (under VMS Version	Motorola MVME133XT (MC6
Alsys Ada ·	867 (under HP-UX BLS		MoD	5.4-1, with CAIS Version	(bare machine)
oftware Development	Version A.08.08)		NATO SWG on APSE Compiler for	5.5E)	
nvironment for			VAX/VMS to		
HP 9000 Series			MC68020, Version		
600, 700 & 800,			VCM1.82-02		
ersion 5.35			(#92030611.11248)		
# 930115S1.11308)			Alsys / German	Sun-3/60 (under SunOS	Motorola MVME133XT (MC
Alsys	Zenith Data Systems	Same as Host	MoD	Version 4.0.3, with CAIS	(bare machine)
Alsys Ada	Z-Station 433 DEh (under		NATO SWG on APSE	Version 5.5E)	
Software	SCO Unix 3.2 running		Compiler for		
Development	SecureWareCMW + Version 2.2		Sun3/SunOS to		
Environment for	w/MaxSix)		MC 68020, Version		
HP 9000 Series 700/800, Version			S3CM1.82 (#92072811.11261)		
5.35			(#720/20H.H120H)		
(#93011581.11309)			ATLAS ELEKTRONIK	VAX 6000-410 (under VMS	ATLAS ELEKTRONIK GmbH N
. 1	6 15 4/00/		GmbH	Version 5.2)	2300 (under MOS 2300,
Alsys	Control Data 4680 (under	Same as Host	ATLAS ELEKTRONIK		Version 2.1)
AlsyCOMP_068, Version 1.83	EP/IX 1.4.3)		Ada Compiler VVME 1.82 (#91032411.11136)		
#93012511.11310)				C	C H
Alsys	CompuAdd 433 (under IBM	Same as Host	Concurrent Computer	Concurrent Computer Corporation 8400 (MIPS	Same as Host
AlsyCOMP_032, 5.5	OS/2, Version 2.1 +	Same as most	Corporation	R3000/3010)(under RTU	
#931208W1.11333)	Threads)		C3Ada, Version 0.5	Version 5.1)	
~ 70120011111000j	**************************************		(#90042711.11008)	value 3.17	
Alsys	CompuAdd 466 (under Windows	Same as Host	ny ri dil Oca da		
NsyCOMP_083, 5.5 (#931208W1.11334)	NT, Version 3.1 + Threads)		*Validated by Registration Concurrent	Concurrent Computer	Same as Host
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Computer	Corporation 8500 (MIPS	
Alsys	VAXstation 4000 Model 60	INMOS T9000 transputer Gamma	Corporation	R3000/R3010)(under RTU	
AlysCOMP_17	(under VMS 5.5-2)	D02 on an INMOS VME	C3Ada, Version 0.5	Version 5.1)	
Version 5.4.10		TestBoard (bare machine)	(BASE		
#940826N1.11375)			#90042711.11008)		
Validated by Registration			*Validated by Registration		
Alsys (formerly	Sun Microsystems Sun-4,	DY 4 Systems SVME-122 (bare	Concurrent	Concurrent Computer	Any Host
TeleSoft)	SPARCstation, & SPARCserver	machine, using TeleAda-Exec)	Computer	Corporation Series 7000	
TeleGen2 Ada Cross Development System	series of computers (under		Corporation C3 Ada Versions	(MC68040) (under RTU Version 6.1 A)	
or Sun-4 ta 68k, Version	301103 4.1)		2.0bV4 & 2.0bV4c	version 6.1 A)	
4.1 aS (or V1A S)			(BASE	_	
BASE			#901130W1.1110)		
#92121811.11304)			Concurrent	Concurrent Computer	Same as Host
*Validated by Registration			Computer	Corporation 6650 with Super	
Alsys (formerly	Sun Microsystems Sun-4,	DY 4 Systems SVME-122 (bare	Corporation	Lightning Floating Point	
TeleSoft)	SPARCstation, & SPARCserver	machine, using TeleAda-Exec)	C3 Ada Version 1.1v	(under RTU Version 5.0C)	
TeleGen2Ada	series of computers (under	•	(#901130W1.11107)		
Cross Development	SunOS 4.1)				
System for Sun-4			*Validated by Registration		
lo 68k, Version			Concurrent	Concurrent Computer	Any Host
4.1 aS (or V1 A_S) (BASE			Computer Corporation	Corporation Series 6000 with Super Lightning	
#92121811.11304)			C3 Ada, Version	Floating Point, and Series	
			1.1v	5000 with Lightning	
Alsys / German	Sun-3/60 (under SunOS	Sun-3/60 (under SunOS	(BASE	Floating Point (all models)	
MoD	Version 4.0.3, with CAIS	Version 4.0.3)	#901130W1.11107)	(under RTU Version 5.0A,	
	Version 5.5D)			5.08 & 5.0C)	
NATO SWG on APSE			*Validated by Registration		
NATO SWG on APSE Compiler for				Concurrent Computer	Same as Host
NATO SWG on APSE Compiler for Sun3/SunOS,			Concurrent	Concernant Competer	
NATO SWG on APSE Compiler for un3/SunOS, (ersion			Concurrent Computer	Corporation Series 6000	
NATO SWG on APSE Compiler for Jun3/SunOS, (ersion J3C1.82-02			Computer Corporation	Corporation Series 6000 (MC68030, with Super	
NATO SWG on APSE Compiler for Sun3/SunOS, Version 53C1.82-02			Computer Corporation C3 Ada, Version	Corporation Series 6000 (MC68030, with Super Lightning Floating Point) &	
NATO SWG on APSE Compiler for Sun3/SunOS, /ersion 53C1.82-02			Computer Corporation C3 Ada, Version 1.1	Corporation Series 6000 (MC68030, with Super Lightning Floating Point) & Series 5000 (MC68020, with	
NATO SWG on APSE Compiler for Sun3/SunOS, Version S3C1.82-02 #91101611.11233)			Computer Corporation C3 Ada, Version	Corporation Series 6000 (MC68030, with Super Lightning Floating Point) &	

/ENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
Concurrent	Concurrent Computer	Same as Host	*Validated by Registration		
omputer	Corporation 3280MPS (under		Concurrent	Concurrent Computer	Same as Host
orporation	OS/32 Version R08-03.2)		Computer	Corporation Series 6000	
3 Ada Version			Corporation	(MC68030/MC68882)& Series	
)3-00V			C3 Ada, Version	5000 (MC68020/MC68881)	
901130W1.1110 8)			1.1	(under RTU Versions 5.0A,	
			(BASE	5.0B, 5.0C & 6.0)	
alidated by Registration			#901130W1.11110)		
oncurrent	Concurrent Computer	Any Host			
omputer	Corporation Series 3200:		*Validated by Registration	6	A- 11 .
rporation	3200 MPS, 3203, 3205, 3210,		Concurrent	Concurrent Computer	Any Host
Ada, Version	3220, 3230, 3250, 3230XP,		Computer	Corporation Series 7000	
3-00V	3250XP, 3230MPS, 3260MPS,		Corporation	(MC68040) (under RTU	
ASE	Micro4, and Micro5 (under		C3 Ada, Version	Version 6.1)	
901130W1.11108)	OS/32 Versions R08-03,		1.2 & 2.0b		
	RO8-03.1 & RO8-03.2)		(BASE		
			#901130W1.11110)		
alidated by Registration	6	A 14 4	"Validated by Pasiatestics		
encurrent	Concurrent Computer	Any Host	*Validated by Registration	6	A. Maria
mpuler	Corporation System Bus		Concurrent	Concurrent Computer	Any Host
rporation	Processor family of		Computer	Corporation Series 7000	
Ada Version	computers (under Trusted		Corporation	(MC68040) (under RTU	
3.00	OS/32 and MTM Version		C3 Ada, Version 2.0b	Version 6.1)	
ASE	R08-03.3S, and OS/32		(BASE		
P01130W1.11108)	Versions R08-03.2,		#901130W1.11110)		
	R09-01.1OS/32,& R09-02)		Control Data	CYBER 180-930-31 (under	Same as Host
	C	Same as Mari	Control Data Systems, Inc.	NOS/VE, Level 826)	Julie de 1 (O)
oncurrent	Concurrent Computer	Same as Host	NOS/VE Ada, Version 1.4	1103/ FE, Level 020)	
ompuler	Corporation 8400 (MIPS				
erporation	R3000/3010)(under RTU		(#93121751.11336)		
Ada Version 1.0v	Version 5.1)		CONVEX Computer	CONVEX C220 (under ConvexOS	Same or Host
901130W1.11109)			Corporation	8.1)	Some as rical
Plant II O		•	CONVEX Ada, Version 2.0	•	
alidated by Registration	C	Any Host	(#900910W1.11027)		
encurrent	Concurrent Computer	Any riosi	(*70071041.11027)		
ompuler	Corporation Series 8000		*Validated by Registration		
orparation	(all models) (under RTU		CONVEX Computer	CONVEX C120, C201, C202,	Any Host
3 Ada, Version 1.0v	Versions 5.1, 5.1A & 5.1B)		Corporation	C210, C220, C230, C240,	Ally rical
ASE			CONVEX Ada.	C210i, C220i & C230i (under	
901130W1.11109)			Version 2.0	ConvexOS, Versions B.1 and	
altidate de Danistania			(BASE	9.0)	
/alidated by Registration	Concurrent Computer	Same as Host	#900910W1.11027)	7.01	
oncurrent amputer	Corporation Senes 8000	Sume us ricer	¥700710111.11027)		
orporation	(MIPS R3000/3010)(under		*Validated by Registration		
3 Ada, Version	RTU Versions 5.1A, 5.1B &		CONVEX Computer	CONVEX C120, C201, C202,	Each Host, self-targetted
0	6.0)		Corporation	C210, C210i, C220, C220i,	
ASE	0.07		CONVEX Ada,	C230, C230i, C240, C3210,	
901130W1.11109)			Version 2.0	C3220, C3230, C3240, C3410,	
,011301111107			(BASE	C3420, C3430, C3440, C3450,	
alidated by Registration			#900910W1.11027)	C3460, C3470, C3480, C3810,	
encurrent	Concurrent Computer	Same as Host	*,00,1011111021,	C3820, C3830, C3840, C3850,	
		Same as ricer		C3860, C3870, C3880 (under	
imputer irporation	(R3000/3010), all models			ConvexOS versions 8.1, 9.0,	
Ada, Version 2.0p	(under RTU Versions 5.1A,			9.1 & 10.0)	
ASE	5.18 & 6.0)				
901130W1.11109)	50 4 5.07		*Validated by Registration		
200.71.11107			CONVEX Computer	CONVEX C120, and C2∞,	Same as Host
alidated by Registration			Corporation	C32xx, C34xx, & C38xx	
oncurrent	Concurrent Computer	Any Host	CONVEX Ada,	computer series (under	
ompuler	Corporation Series 8000	. 3.7	Version 2.1	ConvexOS, Versions B.1,	
orporation	(MIPS R3000/3010)(under		(BASE	9.0, 9.1, 10.0, & 10.1; and	
3 Ada, Version 2.0b	RTU Version 6.0)		#900910W1.11027)	ConvexOS/Secure Versions	
ASE			-,00,.0	9.5 & 10.0)	
901130W1.11109)					
			*Validated by Registration		
oncurrent	Concurrent Computer	Same as Host	Cray Research	CRAY X-MP/EA & X-MP (all	Any Host
omputer	Corporation 6650 with		Inc.	models) (under UNICOS	
orporation	MC68882 Floating Point		Cray Ada Compiler	Releases 6.1 & 7.0)	
3 Ada Version 1.1v	(under RTU Version 5.0C)		Release 3.1		
901130W1.11110)			(BASE		
			#901112W1.11116)		
alidated by Registration					
oncurrent	Concurrent Computer	Any Host	*Validated by Registration		
	Corporation Series 6000		Cray Research	CRAY Y-MP & Y-MP EL (all	Any Host
	,		· ·	models) (under UNICOS	
impuler	with an MC68882 four and		Inc.	moders) (under orthogs	
amputer prporation	with an MC68882 fpu, and Series 5000 with an MC68881		Inc. Cray Ada Compiler	Releases 6.1 & 7.0)	
amputer orporation 3 Ada, Version 1.1v	Series 5000 with an MC68881				
amputer orporation 3 Ada, Version 1.1v IASE 901130W1.11110)			Cray Ada Compiler		

VENDOR, COMPIL		TARGET	VENDOR, COMPILE		TARGET
& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS
*Validated by Registration Cray Research	CRAY CRAY-2/4-128(all	Any Host	*Validated by Registration Cray Research,	CRAY-2/4-128(all models)	Each Host, self-targeted
inc.	models) (under UNICOS	Any most	Inc.	(under UNICOS Release 6.1)	Edeli riosi, sell'idigeled
Cray Ada Compiler	Releases 6.1 & 7.0)		Cray Ada Compiler 3.0	(blidel Offices keledse b.1)	
Release 3.1	, , , ,		(BASE		
(BASE			#911006W1.11223)		
#911006W1.11223)					
6 0			DDC International	VAX 8530 (under VMS Version	Same as Host
Cray Research,	Cray X-MP/EA (under UNICOS	Same as Host	A/S	5.3)	
Inc. Cray Ada Compiler	Release 5.0)		DACS VAX/VMS Native Ada Compiler		
Release 2.0			System, Version 4.6		
(#901112W1.11116)			(#901129\$1.11050)		
, - ,			(
*Validated by Registration			DDC International	MicroVAX 3100 (under VMS	Motorala MVME133 board
Cray Research,	CRAY X-MP & X-MP/EA, all	Each Host, self-targeted	A/S	Version 5.3)	(68020/68881)(bare machi
Inc.	models (under UNICOS		DACS VAX/VMS to 68020		
Cray Ada Compiler	Releases 5.1, 6.0 & 6.1)		Bare Cross Compiler		
Release 2.0			System, Version 4.6		
(BASE			(#90112981.11051)		
#901112W1.11116)			DDC International	VAX 8530 (under VMS Version	Intel iSBC 386/21 (bare
*Validated by Registration			A/S	5.3)	machine)
Cray Research,	X-MP/EA (all models) (under	Same as Host	DACS VAX/VMS ta	3.3,	macimo _j
Inc.	UNICOS Release 6.1)		80386 PM Bare Ada		
Cray Ada Campiler			Cross Compiler		
3.0			System, Version 4.6		
(BASE			(#90112951.11074)		
#901112W1.11116)					
			DDC International	ICL DRS300 (under DRS/NX,	Same as Host
Cray Research,	Cray Y-MP (under UNICOS	Same as Host	A/S	Version 3.2 (UNIX System	
Inc. Cray Ada Compiler	Release 5.0)		DACS 80386 UNIX V	V/386 release 3.2))	
Release 2.0			Ada Compiler System, Version 4.6		
(#901112W1,11117)			(#901129S1.11075)		
(**************************************			(= 10112701111010)		
*Validated by Registration			DDC International	Sun-3/60 (under SunOS,	Same as Host
Cray Research,	Cray Y-MP, all models	Each Host, self-targeted	A/S	Version 4.0_Expart)	
Inc.	(under UNICOS Releases 5.1,		DACS Sun3/SunOS		
Cray Ada Compiler	6.0 & 6.1)		Native Ada		
Release 2.0			Compiler System,		
(BASE			Version 4.6		
#901112W1.11117)			(#901129\$1.11076)		
*Validated by Registration			DDC International	VAX 8530 (under VMS Version	Intel iSBC 186/03 (bare
Cray Research,	CRAY Y-MP EL (under UNICOS	Same as Host	A/S	5.3)	machine)
Inc.	Releases 6.0 & 6.1)	33	DACS VAXVMS to 80186	5.57	
Cray Ada Compiler	·		Bare Ada Cross Compiler		
Release 2.0			System with Rate		
(BASE			Monotonic Scheduling,		
#901112W1.11117)			Version 4.6		
			(#901129\$1.11077)		
*Validated by Registration					
Cray Research,	CRAY Y-MP & Y-MP EL (all	Each Host, self-targeted	*Validated by Registration	DEC VAY 11 VAY	1-4-1 SDC 194/02/bara
Inc.	models) (under UNICOS		DDC International	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX	Intel iSBC 186/03 (bare machine)
Cray Ada Compiler 3.0 (BASE	Releases 6.1)		A/S DACS VAX/VMS 10	6000, VAX 8000 & VAX 9000	machine)
#901112W1.11117)			80186 Bare Ada	Series of computers,	
**************************************			Cross Compiler	including Raytheon Military	
*Validated by Registration			System with Rate	VAX computer model 860	
Cray Research,	CRAY C-90 (in Y-MP mode)	Same as Host	Monotonic Scheduling,	(under VMS Version 5.3)	
Inc.	(under UNICOS 7C.0)		Version 4.6		
Cray Ada Compiler 3.1			(BASE		
(BASE			#90112981.11077)		
#901112W1.11117)					
	20.1/ 0.1. 100.		*Validated by Registration	050111111111111111111111111111111111111	1 . 1 500 0 / 105 //
Cray Research,	CRAY-2/4-128 (under UNICOS	Same as Host	DDC International	DEC VAX-11, VAXserver,	Intel iSBC 86/35 (bare
Inc. Cray Ada Compiler	Release 6.1)		A/S DACS VAYAVAS IO	VAXstation, MicraVAX, VAX	machine)
Cray Ada Compiler Release 2.0			DACS VAX/VMS to 8086 Bare Ada	6000, VAX 8000 & VAX 9000 Series of computers,	
(#911006W1.11223)			Cross Compiler	including Raytheon Military	
			System with Rate	VAX computer model 860	
Validated by Registration			Monotonic Scheduling,	(under VMS Version 5.3)	
Cray Research,	CRAY-2 (all models) (under	Each Host, self-targeted	Version 4.6	, , , , , , , , , , , , , , , , , , , ,	
Inc.	UNICOS Release 6.1)		(BASE		
Cray Ada Compiler			#901129\$1.11077)		
Release 2.0					
BASE					
#911006W1.11223)					

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
"Validated by Registration DDC International A/S DACS VAX/VMS to 802868are Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6 BASE #901129\$1.11077)	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX 0000, VAX 8000 & VAX 9000 Senes of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)	Intel iS8C 286/12 (bare machine)	*Validated by Registration DDC International A/S DACS VAX/VMS to 80286PM Bare Ada Cross Compiler System, Version 4.6 (BASE #90112951.11079)	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)	Intel iS8C 286/12 in Pratected Mode (bare machine)
Validated by Registration DDC International A/S DACS VAX/VMS to 80286 PM Bare Ada	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers,	Intel iSBC 286/12 in Protected Mode (bare machine)	DDC International A/S DACS 80386 DMS/OS Ada Compiler System, Version 4.6	IBM PS/2 Model 80-311 (under LynxOS 386/PS2, Version 2.0A)	Same as Host
Cross Compiler system with Rate Adonotonic Scheduling, /ersion 4.6 BASE #901129\$1.11077)	including Raytheon Military VAX computer model 860 (under VMS Version 5.3)		(#90112951.11112) DDC International A/S DACS VAX/VMS to 80860 Bare Ada Cross Compiler	VAX 8530 (under VMS Version 5.3)	Tadpole Technology plc TP860M (bare machine)
DDC International A/S DACS VAX/VMS to 80386 Bare Ada Cross Campiler	VAX 8530 (under VMS Version 5.3)	Intel iSBC 386/21 (bare machine)	System, Version 4.6.1 (≢910502\$1.11158)		
System with Rate Monotonic Scheduling, Version 4.6 #90112951.11078) DDC International AVS DACS VAXVMS to 80186	VAX 8530 (under VMS Version 5.3)	Intel iSBC 186/03 (bare machine)	DDC International A/S DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.4, MRI IEEE 695 (BASIC_MODE) (#91050251.11159)	Sun-3/50 (under SunOS Release 4.0_Export)	Motorola MVME143 board (68030/68882)(bare machine)
lare Ada Cross Compiler instem, Version 4.6 #901129S1.11079) Validated by Registration DDC International VS DACS VAX.VMS to 80186 Bare Ada Cross Compiler instem, Version 4.6	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)	Intel iSBC 186/03 (bare machine)	DDC International A/S DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.4, MRI IEEE 695 (SECURE_MODE) (#91050251.11160)	Sun-3/50 (under SunOS Release 4.0_Export)	Motorola MVME143 board (68030/68882)(bare machine
BASE #901129\$1,11079) Validated by Registration DDC International A/S DACS VAX/VMS to 8086 Bare Ada	DEC VAX-I 1, VAXserver, VAXstation, MicraVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers,	Intel iSBC 86/35 (bare machine)	*Validated by Registration DDC-I, Inc. DACS VAXVMS to 80486 PM Bare Ada Cross Compiler System, Version 4.6 (BASE #90112951.11074)	VAX 8530 (under VMS Version 5.3)	Intel iSBC 486/125(bare machine)
Cross Compiler Sistem, Version 4.6 (BASE #901129S1.11079)	including Raytheon Military VAX computer model 860 (under VMS Version 5.3)		DDC-I, Inc. DACS MIPS RISC/os to MIPS R3000 Bare Ada Cross Compiler System, Release 2.1-16 (#92080551.11263)	MIPS M/120-5 (under RISC/os Version 4.50)	Lockheed Sanders STAR MVP R3000/R3010Board (bare machine)
DDC International A/S DACS VAX/VMS to 80286 Bare Ada Cross Compiler System, Version 4.6 (8ASE	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)	Intel iSBC 286/12 (bare machine)	DDC-I, Inc. DACS DECstation/ULTRIX to MIPS R3000 Bare Ada Cross Compiler System, Release 2.1-1 6 (#920805S1.11264)	DECatation 3100 (under ULTRIX Version 4.0)	Integrated Device Technology IDT7RS301R3000/R3010Boar (bare machine)
* 90112951.11079 ₎			DDC-1, Inc. DACS Sun SPARC/SunOS Native Ada Compiler System, Version 4.6.1 (#92080551.11265)	SPARCstation 2 (under SunOS, Version 4.1.1)	Same as Hast

& CERTIFICATE # DDC-Inter, Inc. nlerACT Ada 1750A Compiler System, Release 3.5 #91070551.11191) DDC-Inter, Inc. nlerACT Ada MIPS	MACHINE & (OS) MicroVAX 3100 Cluster (under VMS 5.2)	MACHINE & (OS) InterACT MIL-STD-1750A	& CERTIFICATE		MACHINE & (OS
nterACT Ada 1750A Compiler System, Release 3.5 #91070551.11191) DDC-Inter, Inc. nterACT Ada MIPS			DDC L les		
nterACT Ada 1750A Compiler System, Release 3.5 #91070551.11191) DDC-Inter, Inc. nterACT Ada MIPS			DDC.Llac		
1750A Compiler System, Release 3.5 #91070551.11191) DDC-Inter, Inc. nierACT Ada MIPS	(under VMS 3.2)	1	DDC-I, Inc.	Sun SPARCstation IPX (under	Lynwood (435TU (68030) (ba
System, Release 3.5 #910705S1.11191) DDC-Inter, Inc. nterACT Ada MIPS		Instruction Set Architecture	DACS Sun	SunOS, Release 4.1.1)	machine)
#910705\$1.11191) DDC-Inter, Inc. nterACT Ada MIPS		Simulator Release 2.3 (bare	SPARC/SunOS to		
DDC-Inter, Inc. nterACT Ada MIPS		machine simulation)	680x0 Bare Ada		
nterACT Ada MIPS			Cross Compiler		
nterACT Ada MIPS	MicroVAX 3100 Cluster	Lookhand Sandam STAR A4V/D	System		
	(under VMS 5.2)	Lockheed Sanders STAR MVP R3000/R3010Board (bare	(BASIC_MODE), Version 4.6.9		
Cross-Compiler	(Under 4:40 3.2)	machine)	(#940325S1.11346)		
System, Release 2.0		macrine)	(#94032331.11348)		
#910705S1.11192)			DDC-I, Inc.	Sun SPARCstation IPX (under	Lynwood (435TU (68030) (bo
*/10/0331.111/2)			DACS Sun	SunOS, Release 4.1.1)	machine)
Validated by Registration			SPARC/SunOS to 680x0	SunOS, Release 4.1.1)	macmine
DC-Inter, Inc.	MicroVAX 3100 Cluster	Lockheed Sanders STAR MVP	Bare Ada Cross Compiler		
nterACT Ada MIPS	(under VMS 5.2)	R3000/R3010Board (bare	System (SECURE_MODE),		
Cross-Compiler	(5.105) 11.0 5.2)	machine)	Version 4.6.9		
ystem, Release 2.1		machine)	(#94032551.11347)		
BASE			(#74002331.11047)		
910705\$1.11192)			DDC-I, Inc.	Sun SPARCclassic (under	Intel iSBC 386/116(bare
, , , , , , , , , , , , , , , , , , , ,			DACS Sun	Solaris, Release 2.1)	machine)
DC-I, Inc.	Sun SPARCstation 1 + (under	Intel iSBC 386/116(bare	SPARC/Solaris to	55.5.5, Norecas 2.11	30,,,,,,
ACS Sun	SunOS, Release 4.1.1)	machine)	80386 PM Bare Ada		
PARC/SunOS to 80386			Cross Compiler		
M bare Ada Cross			System, Version 4.6.4		
Compiler System,			(#940325S1.11348)		
ersion 4.6.4			(**************************************		
¢931119\$1.11331)			DDC-I, Inc.	Sun SPARCclassic (under	Intel (S8C 386/116(bare
701117311110011			DACS Sun	Solaris, Release 2.1)	machine)
DC-INTER, Inc.	Sun SPARCstotion IPX (under	DACS Sun SPARC/SunOS to MIPS	SPARC/Solaris to	Soldris, Release 2.1)	macinine)
ACS MIPS R3000	SunOS, Release 4.1.3)	R3000 Bare Instruction Set	80386 PM Bare Ada		
are Ada Cross	3011O3, Release 4.1.3)	Architecture Simulator,	Compiler System		
Compiler System,		Version 4.7.1, executing on	w/ Rate Monotonic		
ersion 4.7.1		the Host (bare machine	Scheduling, 4.6.4		
#931119S1.11332)		simulation)	(#940325\$1.11349)		
. 5. 11/51.11552)		simulation)	(#77002331.11347)		
DC-I, Inc.	Sun SPARCstation IPX (under	Intel iSBC 186/100 (bare	DDC-I, Inc.	Sun SPARCstation IPX (under	Intel Xpress Desktop
ACS Sun	SunOS, Release 4.1.2)	machine)	DACS Sun	SunOS, Release 4.1.2)	(product # XBASE6E4F-B, w
PARC/SunOS to	301103, Kelledae 4.11.2)	macimie)	SPARC/SunOS to	3011O 3, Kened3e 4.11.2)	Pentium cpu), operating as a
0186 Bare Ada			Pentium PM Bare		bare machine (bare machine
Cross Campiler			Ada Cross Compiler		bare machine (bare machine
ystem, Version 4.6.4			System, Version 4.6.4		
#94032551.11341)			(#94032551.11350)		
, , , , , , , , , , , , , , , , , , , ,			(**************************************		
DC-I, Inc.	Sun SPARCstation IPX (under	Intel iS8C 186/100(bare	DDC-I, Inc.	Sun SPARCstotion IPX (under	Intel Xpress Desktop
ACS Sun	SunOS, Release 4.1.2)	machine)	DACS Sun	SunOS, Release 4.1.2)	(product # XBASE6E4F-B, wi
PARC/SunQS to	,	,	SPARC/SunOS to	, , , , , , , , , , , , , , , , , , , ,	Pentium cpu), operating as a
0186 Bare Ada			Pentium PM Bare		bare machine (bare machine
ross Compiler			Ada Cross Compiler System	1	
ystem w/ Rate			w/Rate Monotonic	•	
lonolonic			Scheduling, 4.6.4		
cheduling, 4.6.4			(#940325S1.11351)		
£940325\$1.11342)			(#74032331.11331)		
74032331.11342)			DDC-I, Inc.	Sun SPARCclassic (under	Intel Xpress Desktop
DC-I, Inc.	Sun SPARCclassic (under	Intel iSBC 186/100 (bare	DACS Sun	Solaris, Release 2.1)	(product # XBASE6E4F-B, w
ACS Sun	Solaris, Release 2.1)	machine)	SPARC/Solaris to	Cond. is, nore use 2.11	Pentium cpu), operating as
PARC/Solaris to	Solding, Nereuse 2.1)	······································	Pentium PM Bare		bare machine (bare
0186Bare Ada			machine) Ada Cross		acia inocinia (pora
ross Compiler			Compiler System,		
slem, Version 4.6.4			Version 4.6.4		
#940325\$1.11343)			(#940325S1.11352)		
30233			(# / 4002531.11052)		
DC·I. Inc.	Sun SPARCclassic (under	Intel iSBC 186/100(bare	DDC-I, Inc.	Sun SPARCclassic (under	Intel Xpress Desktop
ACS Sun	Solaris, Release 2.1)	machine)	DACS Sun	Solaris, Release 2.1)	(product # XBASE6E4F-B, w
PARC/Solaris to	2.1.5,		SPARC/Solaris to	2.3.3,	Pentium cpu), operating as a
0186 Bare Ada			Pentium PM Bare		bare machine (bare machine
ross Compiler			Ada Cross Compiler Sys.		
ross complier rstem w/ Rate			w/Rate Monotonic		
lonatonic			Scheduling, 4.6.4		
cheduling, 4.6.4			(#940325S1.11353)		
£940325\$1.11344)			(#77002331.11333)		
77002331.11344)			DDC-I, Inc.	Sun SPARCclassic (under	Same as Host
	Sup SPARCatetine 10V /	Motorola MVME143		Solaris, Release 2.1)	Julie us 11031
C.I. Inc	Sun SPARCstation IPX (under		DACS Sun	Jordins, Release 2.1)	
	SunOS, Release 4.1.1)	(68030/68882)(bare machine)	SPARC/Solaris Native Ada		
ACS Sun			Compiler System,		
ACS Sun PARC/SunOS to			Vamina 4.6.2		
ACS Sun PARC/SunOS to 80x0 Bare Ada			Version 4.6.2		
DDC-I, Inc. DACS Sun PARC/SunOS to S80x0 Bare Ada Cross Compiler Lystem, Version 4.6.9			Version 4.6.2 (#940325\$1.11354)		

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
DDC I	Misselfay 7100 Class	IACT AND STO 17504	•\/_I;JJ		
DDC-Inter, Inc. InterACT Ada 1750A Compiler System, Release 3.5 [#910705S1.11191]	MicroVAX 3100 Cluster (under VMS 5.2)	InterACT MIL-STD-1750A Instruction Set Architecture Simulator Release 2.3 (bare machine simulation)	*Validated by Registration Digital Equipment Corporation VAX Ada Version 2.2	DEC VAX-11, VAXserver, VAXstation, VAXH, MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000	VAX 4000 Models 200 & 300; VAX 6000 Series 200, 300 & 400; VAX 8200, 8250, 8500, 8530, 8550, 8700, 8800 &
DDC-Inter, Inc. nterACT Ada MIPS Cross-Compiler System, Release 2.0 #910705S1.11192)	MicroVAX 3100 Cluster (under VMS 5.2)	Lockheed Sanders STAR MVP R3000/R3010Board (bare machine)	(BASE #901109S1.11054)	Series of computers (as supported); Ratheon Military VAX Computer Model 860; and Norden MilVAX Computer Model MilVAX II (under VMS Version 5.4)	8810; VAX-11/730 & /750; MicroVAX II, 2000, 3100, 3300, 3400, 3500, 3600, 3800 & 3900; VAXstation 2000, 3100, 3150, 3200, 3500 & II/GPX; VAXserver 3100, 3300, 3400
'Validated by Registration DDC-Inter, Inc. InterACT Ada MIPS Cross-Compiler System, Release 2.1	MicroVAX 3100 Cluster (under VMS 5.2)	Lockheed Sanders STAR MVP R3000/R3010Board (bare machine)			3500, 3600, 3800, 3900; VAXserve 4000-300; VAXserver 6000 Models 220, 310, 320, 410 & 420; Ratheor Military VAX Computer Models 810 860; Norden MilVAX Computer Mod MilVAX II, IVAX 620 & 630; VAX RTA
(BASE #910705\$1.11192)		_			KA620-BA & KA800-M; rIVAX 300, 1000, 3200, 3300, 3305, 3400, 35 3600, 3800, 4000 Model 300, 855
*Validated by Registration DECS Ltd. VME Ada Compiler VA3.25	ICL Series 39 Level 80 (all models) (under VME with VMEB Environment Option	ICL Series 39 Level 80 & Series 39 SX Processor families (under VME with			8700, rtVAX 6000 Models 200, 300 400 Series and rtVAXstation 3100 Models 30 & 38 (under VAXELN Ver 4.2, using VAXELN Ada Version 2.2)
(BASE #921008N1.11293)	Version SV293)	VMEB Environment Option Version SV293)	*Validated by Registration	WAY (000 M - 1 1000 200 #	VAY 4000 NA 4-1 200 200 \$
Validated by Registration DESC Ltd VME Ada Compiler VA3.25	ICL Series 39 Level 80 (under YME with VMEB Environment Option Version	Same as Host	Digital Equipment Corparation VAX Ada Version 2.2 (BASE	VAX 6000 Model 200, 300 & 400 Series; VAX 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8820, 8830,	VAX 6000 Model 200, 300 & 400 Series; VAX 8200, 8250, 8550, 8550, 8550, 8700, 8800 & 8810; VAX-11/730 & 7/50; MicroVAX II, 2000, 3100,
BASE #921008N1.11293)	SV292)		#90110951.11054)	8840, 8842, 8974 & 8978; VAX-11/730,/750, /780, /785; MicroVAX II, 2000,	3300, 3400, 3500, 3600, 3800 & 3900; VAXstation 2000, 3100, 3150, 3200, 3500 &
*Validated by Registration DESC Ltd. VME Ada Compiler VA3,20 (BASE	ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV292)	Same as Host		3100, 3300, 3400, 3500, 3600, 3800 & 3900; VAXstation II, 2000, 3100 series, 3200, 3500, 3520, 3540 & 8000; VAXserver	II/GPX; VAXserver 3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900; VAXserver 6000 Models 210 220, 310, 320, 410 & 420; Ratheon
#921008N1.11293) Digital Equipment	VAX 8800 (under VMS Version	Same as Host		3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900; VAXserver 6000-310,	Military VAX Computer Models 810 & 860; Norden Systems: Mil Vax II, IVAX 620 & 630;
Corporation VAX Ada, Version 2.2 (#90110951.11053)	5.4)			6000-410& 6000-420; Rathean Military VAX Computer Model 860 (under VMS Version 5.4)	VAX RTA; KA620-BA, rVAX 300, 1000, 3200, 3300, 3305, 3400, 3500, 3600, 3800, 8550, 8700, rVAX 6000 Model
*Validated by Registration Digital Equipment Corporation VAX Ada Version	DEC VAX-11, VAXserver, VAXstation, VAXft, MicroVAX, VAX 4000, VAX	Any Host			200, 300 & 400 Series & rtVAXstation 3100 Models 30 & 38 (under VAXELN Version 4.1 using VAXELN Ada Version 2.2
2.2 (BASE	6000, VAX 8000 & VAX 9000 Series of computers (as		*Validated by Registration		
#901109S1.11053)	supported); Ratheon Military VAX Computer Model 860; and Norden MilVAX		Digital Equipment Corporation VAX Ada Version	All VAX, MicroVAX, VAXstation, VAXserver series of computers (as	VAX 4000, 6000, & 9000 series of computers; MicroVAX II, 2000, & 30 series of computers; VAXstation II, 2000, 3000, & 4000 series of
*Validated by Registration	Computer Model MilVAX II (under VMS Version 5.4)		2.3 (BASE #90110981.11054)	supported) (under VMS Versions 5.4 & 5.5)	computers; VAXserver 3000, 4000, 6000 series of computers; IVAX 620-630; KA620-BA, KA800-M, & KAV3
Digital Equipment Corporation VAX Ada Version 2.3 (BASE	All VAX, MicroVAX, VAXstotion, VAXserver series of computers (as supported) (under VMS Versions 5.4 & 5.5)	Any Host			VME SBC; rtVAX 300, 1000, 3000 4000, 6000, & 9000 series of computers; rtVAXstation 3100 serie computers; (under VAXELN Version using VAXELN Ada Version 2.2)
#90110951,11053) Digital Equipment Corporation	VAX 8800 (under VMS Version 5.4)	MicroVAX II (under VAXELN Version 4.1, using VAXELN	Digital Equipment Corporation DEC Ada, Version 1.0	DECstation 5000 Model 200 (under ULTRIX 4.2)	Same as Host
VAX Ada, Version 2.2 (#901109\$1.11054)		Ada Version 2.2)	(#911025S1.11226) *Validated by Registration		
			Digital Equipment Corporation DEC Ada, Version 1.0 (BASE #91102551.11226)	DECstation 2100, 3100, 3100s, 5000 Models 120/125, 120/125 120/125PXG, 120/125PXGTURB: 200, 200CX, 200PX, 200PXG, 200PXGTURBO; and DECsystem	_
				3100, 5000 Model 200, 5100, 5400, 5500, 5810, 5820, 5830 & 5840 (under ULTRIX Versions	

& CERTIFICATE #	ER HOST MACHINE & (OS)	TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
es/ felt a la Commanda			0.15		
*Validated by Registration = Digital Equipment	DEC DECistation 2100, 3100, &	A 11 A		DEC 3000 Model 400 (under	Same as Host
Corporation	5000, and DECsystem 5000, 5100,	Any Host	Corporation DEC Ada for DEC	DEC OSF/1, Version 1.3)	
DEC Ada, Version 1.0	5400, 5500, 5800, & 5900 series		OSF/1 AXP Systems,		
BASE	of computers (under ULTRIX Version:		Version 3.1		
≠911025\$1.11226)	4.0, 4.1, 4.2. & 4.2A)	•	(#931029\$1.11330)		
Validated by Registration			*Validated by Registration		
Digital Equipment	DECstation 2100, 3100, & 5000;	Any Host	Digital Equipment	DEC 2000 Sever, 3000	Any Host
Corporation	and DECsystem 3100, 5000, 5100,	·	_	Workstation and Server	
DEC Ada, Version 1.1	5400, 5500, 5810, 5820, 5840, &		DEC Ada for DEC	models, 4000, 7000, & 10000	
(BASE	5900 series of computers (under		OSF/I AXP	series of AXP computers	
# 911025\$1.11226)	Ultrix Version 4.2)		Systems, Version 3.1 (8ASE	(under DEC OSF/1 Version 1.3)	
Digital Equipment	DEC 3000 Model 400 (under	Same as Host	* 931029\$1.11330)		
Corporation	OpenVMS AXP Operating				
DEC Ada for OpenVMS	System, Version 1.0)		"Validated by Registration	DEC VAY 11 AFVAY	All
AXP Systems, Version 3.0-5			Dowty Maritime Limited	DEC VAX-11, MicroVAX,	All members of the Intel ISBC 386 & ISBC 486 model
(#930319\$1.11315)			TeleGen2Ada	VAXserver, VAXstation, VAXft; and VAX 4000, 6000,	series (bare machines, using
Validated by Registration		•	Cross Development	7000, 8000, 9000, & 10000	TeleAda-EXEC 3.2)
Digital Equipment	DEC 3000 Workstation and	Any Host	System, Version 3.2	series of computers (under	. 3.0.00 (/200.2)
Corporation	Server models, 4000, 7000,	,	for VAX/VMS to 386	VMS 5.5-2)	
DEC Ada for	& 10000 series of AXP		(BASE	-,	
OpenVMS AXP	computers (under OpenVMS		#91032511.11139)		
Systems, Version 3.0-5	Version 1.0)		·		
(BASE			E-Systems/ECI	Tolerant Eternity (under	Same as Host
# 930319\$1.11315)			Division	TX, 5.4.0)	
Validated by Deallar			Tolerant Ada Development		
"Validated by Registration Digital Equipment	DEC 2000 Server, 3000	Any Host	System, Version 6.0		
Corporation	Workstation and Server	Ally Host	(#901003W1.11039)		
DEC Ada for	models, 4000, 7000, & 10000		(*701003111.11037)		
OpenVMS AXP	series of AXP computers (as		*Validated by Registration		
•	supported) (under OpenVMS		EDS Defence	MicroVAX 3100 (under VMS	Motorola MVME133XT board
3.0A-7	AXP Operation System		Limited	6.0)	(68020/68882)
(BASE	Version 1.5)		XD Ada MC68020		
# 930319\$1.11315)			Version 1.3-10		
			(8ASE		
-	VAXstation 4000 Model 60	Same as Host	#901007N1.11042)		
Corporation DEC Ada for OpenVMS	(under VMS Version 5.5)		my 1 1 . 11 . D		
VAX Systems, Version 3.0-7			"Validated by Registration EDS Defence	MicroVAX 3100 (under VMS	Motorla M68340EVSEvaluate
(#930319S1.11316)			Limited	6.0)	System (MC68340) CPU32, w
(* 73031731.11310)			XD Ada CPU32	0.0)	128K additional RAM &
Validated by Registration			Version 1.3-13		MC68881 fpu (bare machine)
	VAXH, VAX 4000, 6000, 8000,	Any Host	(8ASE		
Corporation	9000, & 10000; MicroVAX II,		#901007N1.11042)		
DEC Ada for	2000, & 3000; VAXstation II,				
OpenVMS VAX					
	2000, 3000, 4000; VAXserver		"Validated by Registration		
systems, Version 3.0-7	3000, 4000, & 6000 series of		EDS Defence	MicroVAX 3100 (under VMS	Motorola MC68000 on an
Systems, Version 3.0-7 BASE	3000, 4000, & 6000 series of computers (as supported) (under		EDS Defence Limited	MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mo
Systems, Version 3.0-7 BASE	3000, 4000, & 6000 series of		EDS Defence Limited XD Ada MC68000	· ·	MVME117-3FPMPU VME mo using an MC68881 fpu (bare
Systems, Version 3.0-7 8ASE #930319S1.11316)	3000, 4000, & 6000 series of computers (as supported) (under		EDS Defence Limited XD Ada MC68000 V1.3-12	· ·	MVME117-3FP MPU VME mo
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5)	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE	· ·	MVME117-3FPMPU VME mo using an MC68881 fpu (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000,	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12	· ·	MVME117-3FPMPU VME mo using an MC68881 fpu (bare
Systems, Version 3.0-7 8ASE #93031951.11316) 'Validated by Registration Digital Equipment Corporation	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5)	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE	· ·	MVME117-3FPMPU VME mo using an MC68881 fpu (bare
Systems, Version 3.0-7 8ASE #930319\$1.11316) Validated by Registration Digital Equipment Corporation DEC Ada for	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II,	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134)	· ·	MVME117-3FPMPU VME mo using an MC68881 fpu (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXH, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II,	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134)	6.0)	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine)
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) "Validated by Registration EDS Defence	6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation III, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) "Validated by Registration EDS Defence Limited	6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXIII, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported)	Any Host	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) "Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE	6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9 (8ASE #930319S1.11316)	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXH, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5)		EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Regutration EDS Defence Limited XD Ada MC68040 V1.3-37	6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9 (8ASE #930319S1.11316)	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60	VAXstation 3100 Model 48	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) "Validated by Regutration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230)	6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare
Systems, Version 3.0-7 (8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9 (8ASE #930319S1.11316) Digital Equipment Corporation	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4,	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) "Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230)	6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine)
Systems, Version 3.0-7 8ASE #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9 (8ASE #930319S1.11316) Digital Equipment Corporation DEC Ada for OpenVMS VAX	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS Defence Ltd.	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board
Systems, Version 3.0-7 8ASE #93031951.11316) Validated by Registration Digital Equipment Corporation DEC Ada for Open/MS AXP Systems, Version 3.0A-9 (8ASE #93031951.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX Systems, Version 3.0-7	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4,	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS Defence Ltd. XD Ada	6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board
Systems, Version 3.0-7 8ASE #93031951.11316) Validated by Registration Digital Equipment Corporation DEC Ada for Open/MS AXP Systems, Version 3.0A-9 (8ASE #93031951.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX Systems, Version 3.0-7	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS Defence Ltd.	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine)
systems, Version 3.0-7 BASE #93031951.11316) Validated by Registration Digital Equipment Corporation DEC Ada for Deen/MS AXP systems, Version 3.0A-9 BASE #93031951.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX postems, Version 3.0-7 #93031951.11317)	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board
ystems, Version 3.0-7 BASE #93031951.11316) Validated by Registration Digital Equipment Deporation DEC Ada for DipenVMS AXP ystems, Version B.0A-9 BasE #93031951.11316) Digital Equipment Deporation DEC Ada for OpenVMS VAX ystems, Version 3.0-7 #93031951.11317) Validated by Registration	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA Version 1.3-28	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board
ystems, Version 3.0-7 BASE #930319S1.11316) Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Istems, Version J.0.4-9 BASE #930319S1.11316) Digital Equipment Corporation DEC Ada for OpenVMS VA Instems, Version 3.0-7 #930319S1.11317) Validated by Registration Digital Equipment Corporation	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXh, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5)	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2)	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042)	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board
Systems, Version 3.0-7 BASE #93031951.11316) (Validated by Registration Digital Equipment Corporation DEC Ada for Open/MS AXP Systems, Version 3.0A-9 BASE #93031951.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX Systems, Version 3.0-7 #93031951.11317) (Validated by Registration Digital Equipment Corporation Digital Equipment	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, 8 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXstation II, 2000, 3000, 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5) VAXft, VAX 4000, 6000, 8000, 9000, 8 10000; MicroVAX II, 2000, & 3000;	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2) VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-8A, KAV30 VME S8C KA800-M; rIVAX 300, 1000,3000,4000,	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS Defence Ltd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042) *Validated by Registration	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board (68020/68881)(bare machine)
ystems, Version 3.0-7 BASE #93031951.11316) Validated by Registration Digital Equipment Corporation DEC Ada for Open/MS AXP Instems, Version B.O.A-9 BASE #93031951.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX Avystems, Version 3.0-7 #93031951.11317) Validated by Registration Digital Equipment Corporation Digital Equipment Corporation DEC Ada for Open/MS VAX	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, & 3000, 4000; VAXserver 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under Open/MS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5) VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000,	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2) VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-8A, KAV30 VME SBC KA800-M; rIVAX 300, 1000,3000,4000, 6000, 9000, & rIVAXstation 3100; IVAX	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042) *Validated by Registration EDS DefenceLtd.	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mo using an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board (68020/68881)(bare machine)
Systems, Version 3.0-7 8ASE #930319S1.11316) (Validated by Registration Digital Equipment DEC Ada for Digital Equipment 3.0A-9 8ASE #930319S1.11316) Digital Equipment DEC Ada for OpenVMS VAX Systems, Version 3.0-7 #930319S1.11317) (Validated by Registration Digital Equipment Digital Equipment Digital Equipment DEC Ada for OpenVMS VAX Digital Equipment DEC Ada for OpenVMS VAX Digital Equipment DEC Ada for DEC Ada for DenVMS VAX Systems, Version	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, 8 10000; MicroVAX II, 2000, & 3000; VAXsarion II, 2000, 3000, 4000; VAXsarion II, series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5) VAXft, VAX 4000, 6000, 8 000, 9000, 8 000, 9000, & 10000; VAXsarion II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXsarion II, 2000, 3000, 4000, VAXsarion II, 2000, 3000, 4000,	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2) VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-8A, KAV30 VME S8C KA800-M; rtVAX 300, 1000,3000,4000, 6000, 9000, & rtVAXstation 3100; VAX 620 & 630; VAXstation II, 2000, 3000, &	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042) *Validated by Registration EDS Defense Limited	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board (68020/68881) (bare machine)
Systems, Version 3.0-7 (8ASE) #930319S1.11316) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS AXP Systems, Version 3.0A-9 (8ASE) #930319S1.11316) Digital Equipment Corporation DEC Ada for OpenVMS VAX Systems, Version 3.0-7 (#930319S1.11317) "Validated by Registration Digital Equipment Corporation DEC Ada for OpenVMS VAX Systems, Version Digital Equipment Corporation DEC Ada for OpenVMS VAX Systems, Version 3.0-7	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, 8 10000; MicroVAX II, 2000, & 10000; MicroVAX III, 2000, 3000, VAXstation II, 2000, 3000, 4000, & 6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5) VAXft, VAX 4000, 6000, 8 (under VMS Version 5.5) VAXft, VAX 4000, 6000, MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXstation II, 2000, 3000, 4000; VAXstation II, 2000, 3000, 4000, & 6000 series of computers	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2) VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-8A, KAV30 VME 58C KA800-M; rIVAX 300, 1000, 3000, 4000, 6000, 9000, & rIVAXstation 3100; VAX 620 & 630; VAXstation III, 2000, 3000, & 4000; VAXserver 3000, 4000, & 6000	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS Defence Ltd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042) *Validated by Registration EDS Defense Ltd. XD Ada MC68020/EFA Version 1.3-28 (BASE	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board (68020/68881) (bare machine)
Systems, Version 3.0-7 BASE #930319S1.11316) (Validated by Registration Digital Equipment Corporation DEC Ada for Open/MS AXP Sistems, Version 3.0A-9 BASE #930319S1.11316) Digital Equipment Corporation DEC Ada for Open/MS VAX Systems, Version 3.0-7 #930319S1.11317) (Validated by Registration DEC Ada for Open/MS VAX Systems, Version 3.0-7 #930319S1.11317) (Validated by Registration DEC Ada for Open/MS VAX Systems, Version 3.0-7 BASE	3000, 4000, & 6000 series of computers (as supported) (under VMS Version 5.4 & 5.5) VAXft, VAX 4000, 6000, 8000, 9000, 8 10000; MicroVAX II, 2000, & 3000; VAXsarion II, 2000, 3000, 4000; VAXsarion II, series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5) VAXstation 4000 Model 60 (under VMS Version 5.5) VAXft, VAX 4000, 6000, 8 000, 9000, 8 000, 9000, & 10000; VAXsarion II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXsarion II, 2000, 3000, 4000, VAXsarion II, 2000, 3000, 4000,	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2) VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-8A, KAV30 VME S8C KA800-M; rtVAX 300, 1000,3000,4000, 6000, 9000, & rtVAXstation 3100; VAX 620 & 630; VAXstation II, 2000, 3000, &	EDS Defence Limited XD Ada MC68000 V1.3-12 (BASE #910314N1.11134) *Validated by Registration EDS Defence Limited XD Ada MC68040 V1.3-37 (BASE #911128N1.11230) *Validated by Registration EDS DefenceLtd. XD Ada MC68020/EFA Version 1.3-28 (BASE #901007N1.11042) *Validated by Registration EDS Defense Limited XD Ada MC68000/EFAV1.3-27	6.0) MicroVAX 3100 (under VMS 6.0) MicroVAX 3100 (under VMS 6.0)	MVME117-3FP MPU VME mousing an MC68881 fpu (bare machine) Motorola MVME167 MPU VMEmodule (68040) (bare machine) Motorola MVME135-1 board (68020/68881) (bare machine)

ENDOR, COMPILI		TARGET	VENDOR, COMPILE		TARGET
& CERTIFICATE #	MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS)
,, (q	***			- Cong	
DS-Scicon	Local Area VAX Cluster	Motorola MVME167 (68040)	*Validated by Registration		
afence Limited	(comprising VAXserver 3600,	(bare machine)	Encore Computer	Encore Infinity R/T series,	Any Host
Ada	MicroVAX 2000 (2), &		Corporation	all models (under UMAX	
C68040/ARTX	MicraVAX II machines)		Parallel Ada	3.0.0)	
rsion 1.2 921112N1.11297	(under VMS 5.5)		Development System, Revision 2.3.0		
921112N1.1129			(BASE		
core Computer	Encare 91 Series Model	Same as Host	#910130W1.11114)		
orporation	91-0340 (under UMAX 3.0)				
rallei Ada			Encore Computer	Encore 91 Series Model	Encore 91 Series Model
evelopment			Corporation	91-0340 (under UMAX 3.0)	91-0430 (under uMPX 1.0)
stem, Revision 1.0			Parallel Ada		
910130W1.11114)			Development		
alidated by Registration			System, Revision 1.0 (#910130W1.11115)		
core Computer	Encore 91 Series, all	Any Host	(#71013011111111111)		
orporation	models (under UMAX 3.0)	rally rices.	*Validated by Registration		
rallel Ada			Encore Computer	Encore 91 Series, all	Encare 91 Series, all models
velopment			Corporation	models (under UMAX 3.0)	(under microMPX 1.0)
stem, Revision 1.0			Parallel Ada		
ASE			Development		
910130W1.11114)			System, Revision 1.0		
			(BASE		
alidated by Registration	5 01 00 101		#910130W1.11115)		
core Computer	Encore 91, 93, & 94 Series,	Any Host	*\/_t;d_i_d_l L . D		
orporation	all models (under UMAX 3.0)		*Validated by Registration	Encore 91 Series, all	Encore 91 Series, all models
ırallel Ada evelopment			Encore Computer Corporation	models (under UMAX 3.0)	funder microMPX 1.0 &
stem, Revision 2.0			Parallel Ada		microARTE 1.0)
ASE			Development		,
910130W1.11114)			System, Revision 2.0		
,			(BASE		
alidated by Registration			#910130W1.11115)		
core Computer	Encore Infinity 90 Series,	Any Host			
orporation	all models (under UMAX		"Validated by Registration		
rallel Ada	3.0.X)		Encore Computer	Encore 91 Series, all	Any Host machine (under
evelopment			Corporation	models (under UMAX 3.0.X)	MicroARTE 1.2.0)
stem, Revision 2.2.0			Parallel Ada		
ASE			Development		
910130W1.11114)			System, Revision 2.2.0 (BASE		
alidated by Registration			#910130W1.11115)		
core Computer	Encore 91 Series, all	Any Host	2,10100,		
orporation	models (under UMAX 3.0.X)	,	*Validated by Registration		
arailei Ada			Encore Computer	Encore 93 Series, all	Any Host machine (under
evelopment			Corporation	models (under UMAX 3.1.X)	MicroARTE 1.2.0)
stem, Revision 2.2.0			Parallei Ada		
ASE			Development		
910130W1.11114)			System, Revision 2.2.0		
(alidana) 0			(BASE		
alidated by Registration	Encore 93 Series, all	Any Hort	#910130W1.11115)		
ncore Computer orporation	models (under UMAX 3.1.X)	Any Host	*Validated by Registration		
arallel Ada	models folider distant of that		Encore Computer	Encore 91 Series, all	Any Host machine (under ARTI
evelopment			Corporation	models (under UMAX 3.0.X)	Target Runtime 2.0.0)
stem, Revision 2.2.0			Parallel Ada		
ASE			Development		
910130W1.11114)			System, Revision 2.3.0		
			(BASE		
alidated by Registration			#910130W1.11115)		
care Computer	Encore Infinity 90 Series,	Any Host	201.101.101.20		
orporation	all models (under UNMAX		"Validated by Registration	Easter Infinite D./T	Any Host machine (under ART
rallel Ada	3.0.X)		Encore Computer	Encore Infinity R/T series, all models (under UMAX	2.0.0)
evelopment stem, Revision 2.3.0			Corporation Parallel Ada	3.0.X)	2.0.0)
STEM, Kevision 2.3.0 ASE			Development	0.004	
710130W1.11114)			System, Revision 2.3.0		
			(BASE		
alidated by Registration			#910130W1.11115)		
	Encore 91 Series, all	Any Host	,		
_	models (under UMAX 3.0.X)		*Validated by Registration		
ncore Computer			Green Hills	SPARCstation 10 (under	Same as Host
ncore Computer orporation					
ocore Computer orporation arallel Ada evelopment			Software, Inc.	SunOS, Release 4.1.3)	
ncore Computer orporation grallel Ada evelopment ystem, Revision 2.3.0			Software, Inc. Green Hills Optimizing	SunOS, Release 4.1.3)	
ocore Computer orporation arallel Ada evelopment			Software, Inc.	SunOS, Release 4.1.3)	

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE :		TARGET MACHINE & (OS)
*Validated by Registration Green Hills Software, Inc.	SPARCstation 10 (under SunOS, Release 4.1.3)	Force CPU-40 (68040) (bare machine using VxWorks, 5.1)	*Validated by Registration Harris Corporation,	Harris NH-4400 (under CX/UX 5.2, CX/RT 5.2 & CX/SX 5.2)	Same as Host
Green Hills Optimizing Ada Compiler, 1.8.7 (8ASE			Computer Systems Division Harris Ada Compiler,		
#940223W1.11338)	ZENIV 2011 - 4 LINIV C	5- H -	Version 5.1 (8ASE		
Software C_Ada, Version 1.1	ZENY 386 (under UNIX System V/386, Release 3.2)	Same as Host	*900918W1,11028) *Validated by Registration		
(#93092751.11328) GSE Gesellschaft	MIPS M/120 RISComputer	Same as Host	Harris Corporation, Computer Systems	Harris NH-4400 & NH-4800 (under CX/UX 5.3, CX/RT 5.3 & CX/SX 5.3)	Any Host (using either Harris Ada Run-time System or ARMS Run-time System)
fur Software- Engineering mbH Meridian Ada, Version 4.1 #910711W1.11180	(under UMIPS 4.51)	34.10 \$ 110.	Division Harris Ada 5.1.1 (8ASE #900918W1.11028)	2 213.1313,	,
GSE Gesellschaft Fur Software-	18M RISC System 6000/520	Same as Host	*Validated by Registration Harris	NH-4400 & NH-4800 (under	Any Host (using either
Engineering mbH Meridian Ada, Version 4.1 #910711W1.11182)	(under AIX Version 3)		Corporation, Computer Systems Division	CX/UX 6.1, CX/RT 6.1, & CX/SX 6.1)	Harris Ada Run-time System or ARMS Run-time System)
GSE Gesellschaft ur Software-	HP 9000 Series 400 Model 400T (under HP-UX 7.03)	Same as Host	Harris Ada Compiler 5.1.1 (8ASE #900918W1.11028)		
Engineering mbH Meridian Ada, Version 4.1 #910711W1.11184)			*Validated by Registration Harris	NH-4400, NH-4800, & NH-5800	Any Host (using either
GSE Gesellschaft für Software-	Concurrent Computer Corporation M6000 Model	Same as Host	Corporation, Computer Systems Division	(under CX/UX 6.2, CX/RT 6.2, & CX/SX 6.2)	Harris Ada Run-time System or ARMS Run-time System)
Engineering mbH Meridian Ada, Version 4.1 (#910711W1.11186)	6450 (under RTU 5.0C)		Harris Ada Compiler 5.1.1 (8ASE #900918W1.11028)		
GSE Gesellschaft für Software- Engineering mbH	Concurrent Computer Corporation M8000 Model 8500 (under RTU 5.1A)	Same as Host	*Validated by Registration Harris Corporation,	Harris NH-4400, -4800, & -5800 (under CX/UX 6.2,	Harris NH-4400, NH-4800, 8 NH-5800 (Harris Ada runtime
Meridian Ada, Version 4.1 (#910711W1.11187)			Computer Systems Division Harris Ada version 5.2	CX/RT 6.2, & CX/SX 6.2)	System & ARMS Runtime System)
GSE Gesellschaft fur Saftware- Engineering mbH	Data General AViiON 400 Model 402 (under DG/UX 4.31)	Same as Host	(8ASE #900918W1.11028)		
Meridian Ada, Version 4.1 (#910711W1,11188)			 Validated by Registration Harris Corporation, 	Harris NH-4400, NH-4800, & NH-5800 (under CX/UX 6.2 &	Any Host (using either Harris Ada Run-time System
GSE Gesellschaft fur Software-	HP 9000 Series 700 Model 720 (under HP-UX 8.01)	Same as Host	Computer Systems Division Harris Ada	CX/RT 6.2) ,	or ARMS Run-time System)
Engineering mbH Meridian Ada, Version 4.1 (#910711W1.11190)	,		Compiler, version 6.2 (8ASE #900918W1.11028)		
"Validated by Registration Harris	Harris NH-4400, NH-4800, &	Any Host (using either	*Validated by Registration Harris Corporation,	Harris NH-4400, NH-4800, &	Any Host (using either
Carporation Harris Ada Compiler, version 6.2 (8ASE	NH-5800 (under CX/UX 6.1, CX/RT 6.1, CX/SX 6.1, & CX/SX 6.2)	Harris Ada Run-time System or ARMS Run-time System)	Computer Systems Division Harris Ada Compiler, version 7.1	NH-5800 (under CX/UX 7.1 & CX/RT 7.1)	Harris Ada Run-time System or ARMS Run-time System)
#900918W1.11028)			(8ASE #900918W1.11028)		
Harris Corporation, Computer Systems	Harris NH-4400 (under CX/UX 5.1)	Same as Host	Harris Corporation,	Harris NH-3800 (under CX/UX 5.1)	Same as Host
Division Harris Ada 5.1 (#900918W1.11028)			Computer Systems Division Harris Ada 5.1		
Validated by Registration	Harris NH-4400 (under CX/UX	Any Host	(#900918W1.11029) *Validated by Registration		
Corporation, Computer Systems Division Harris Ada 5.1	5.1, CX/RT 5.1, OR CX/SX 5.1)		Harris Corporation, Computer Systems Division	Harris NH-1200, NH-3400 & NH-3800 (under CX/UX 5.1, CX/RT 5.1, OR CX/SX 5.1)	Any Host
(8ASE #900918W1.11028)			Harris Ada 5.1		

CERTIFICATE F	ER HOST # MACHINE & (OS)	TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS
			av til i li a		
alidated by Registration	1000 111 2 100 6 111 2000	6 11 .	*Validated by Registration	DISC. 44000 11	
irris	NH-1200, NH-3400 & NH-3800	Same as Host	IBM Canada, Lid.	RISC System/6000 models	Any Host, running same AIX
prporation,	(under CX/UX 5.2, CX/RT 5.2		AIX Ada/6000	7013-320,-520, -530, -540,	version as Host
imputer Systems	& CX/SX 5.2)		Release 2.2	-550, -730, & -930 (under	
NOIZI			(BASE	AIX 3.1 & 3.2)	
rrı s Ada			≠901127W1.11085)		
mpiler, Version 5.1					
SE			IBM Canada, Ltd.	RISC System/6000 model	Same as Host
00918W1.11029)			AIX Adg/6000	7012-320 (under AIX 3.2)	
0071011111027)			Internal	7012 020(011de1 1012)	
Elvill 6 Sec					
lidated by Registration			Development		
ns	Harris NH-1200, NH-3400 &	Any Host	Version		
poration,	NH-3800 (under CX/UX 5.3,		(#920121W1.11234)		
nputer Systems	CX/RT 5.3 & CX/SX 5.3)				
ision			*Validated by Registration		
ris Ada 5.1.1			18M Canada, Ltd.	RISC System/6000, all	Any Host
SE			AlX Ada/6000	models (under AIX 3.2)	
00918W1.11029)			Release 3.0	(4.1.2.1.)	
JU916W1.11U29)					
			(BASE		
lidated by Registration			#920121W1.11234)		
TIS	Harris NH-1200, NH-3400, &	Any Host			
poration,	NH-3800 (under CX/UX 6.1,		IBM Canada, Ltd.	RISC System/6000, model	Same as Host
nputer Systems	CX/RT 6.1, & CX/SX 6.1)		XL Ada/6000	7013-520 (under AIX 3.2)	
ision			Internal	,	
rıs Ada Compiler 5.1.1			Development		
			•		
SE			Version 11200		
00918W1.11029)			(#921119W1.11299)		
vlett-Packard	DN4500 (under Domain/OS	Same as Host	*Validated by Registration		
/Apollo	SR10.3)		IBM Canada, Ud.	IBM 937x, 43xx, 308x, 3090,	Same as Host
erns Division			(now OC Systems)	& ES/9000 processors (under	
nain Ada V6.0m			OCS Legacy	MVS/ESA 3.1.0, 4.1.0, &	
10411W1.11137)			Ada/370 MVS	4.3.0; & MVS/SP XA 2.2)	
			Version 2.0		
wlett-Packard	DN10000 (under Domain/OS	Same as Host	(BASE		
/Apollo	SR10.3.p)		#910612W1.11169)		
ems Division					
			Intel Corporation	Intel i860 Station (under	Intel iPSC/860 (under
main Ada V6.0p					Ada-NX, Release 3.3.1)
10411W1.11138)			iPSC/860 Ada	Unix System V/860, Version	Add-NA, Keledse 3.3.1)
			Release 6.1.0(E)	4)	
wlett-Packard	HP 9000 Series 300 Model	Same as Host	Unix System V/860		
mpany	370 (under HP-UX, Version		Release 4 Version		
9000 Series	A.07.00)		3, 312425-0001		
Ada Compiler,	- ,		(#920513W1.11255)		
sion 5.35			(* /200 / 11 / 12 00 /		
			ent list and to Be altered as		
01022W1.11049)			*Validated by Registration		6 11 .
			Intermetrics	Amdahl 5890/180E(under	Same as Host
lidated by Registration			Intermetrics MVS Ada	MVS/XA Release 2.2)	
viett-Packard	HP 9000 Series 300 & 400,	Any Host	Compiler, Version B.1		
npany	all models (under HP-UX,	,	(BASE		
			#910622W1.11170)		
9000 Series	Version A.B7.03)		#71U0ZZW1.1117U)		
Ada Compiler,					DISCOURT TRIVINGS
sion 5.35			Intermetrics Inc.	VAXstation 4000 (under VMS	RISCAE TRW RH32 Simulat
SE 32			RISCAE TRW	5.5)	(bare machine simulation,
11022W1.11049)			RH32-targeted Ada		executing on the Host)
			Compiler, 1.0		
lidated by Peak-			(#930901W1.11321)		
lidated by Registration	Ha 0000 5. 1 200 5 100	A U	(*730701111.11321)		
	HP 9000 Series 300 & 400,	Any Host from the same		1/4V 1-15 1000/ -1-1/1/5	DISCAE HOSSINGII PHRO
	all Models (under HP-UX,	Series, under the same OS	Intermetrics Inc.	VAXstation 4000 (under VMS	RISCAE Honeywell RH32
wlett-Packard mpany	· ·	version	RISCAE Honeywell	5.5)	Simulator (bare machine
	Vers i A.B7.00 (release		RH32-targeted Ada		simulation, executing on the
mpany 9000 Series	· ·				Host)
mpany 9000 Series D'Ada Compiler,	Vers i A.B7.00 (release		Compiler, 1.0		
mpany 9000 Series O Ada Compiler, sion 5.35t	Vers- 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5)				
npany 9000 Series) Ada Compiler, sion 5.35t SE	Verse & A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as		Compiler, 1.0 (#930901W1.11322)		
npany 9000 Series) Ada Compiler, sion 5.35t SE	Vers- 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5)		(#930901W1.11322)	102 2TL 1-1-1, EQUE 4481	Same as Host
npany 9000 Series 1 Ada Compiler, 1001 5.351 SE 11022W1.11049	Verse & A.B7.00 (release 7.0); -:37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported)		(#930901W1.11322)	IBM 3083 (under UTS 580	Same as Host
npany 9000 Series 1 Ada Compiler, 1001 5.351 SE 11022W1.11049	Verse & A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as	Same as Host	(≢930901₩1.11322) Intermetrics, Inc.	IBM 3083 (under UTS 580 Release 1.2.3)	Same as Host
npany 9000 Series Ada Compiler, sion 5.351 SE 01022W1.11049)	Verse & A.B7.00 (release 7.0); -:37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported)	Same as Host	(#930901W1.11322)		Same as Host
npany 9000 Series) Ada Compiler, sion 5.351 SE 01022W1.11049)	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler,		Same as Host
mpony 9000 Series D Ada Compiler, sion 5.351 SE 01022W1.11049) A Canada, Ud. Ada/6000 ease 2,	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03		Same as Host
mpony 9000 Series 0 Ada Compiler, sion 5:351 SE 01022W1.11049) 1 Canada, Ud. Ada/6000 ease 2, liminary	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler,		Same as Host
npany 9000 Series Ada Compiler, sion 5.351 SE 01022W1.11049) A Canada, Ud. Ada/6000 ease 2, siminary	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141)	Release 1.2.3)	
npany 9000 Series Ada Compiler, sion 5.351 SE 01022W1.11049) A Canada, Ud. Ada/6000 ease 2, siminary	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03	Release 1.2.3) Amdahl 5890/180E(under	Same as Host
npany 9000 Series Ada Compiler, 1500 5.351 SE 101022W1.11049) Canada, Ud. Ada/6000 tase 2, iminary	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141)	Release 1.2.3)	
npany 9000 Series Ada Compiler, sion 5.351 SE D1022W1.11049) L Canada, Ibd. Ada/6000 sase 2, imininary sion	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model	Same as Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS	Release 1.2.3) Amdahl 5890/180E(under	
npany 9000 Series Ada Compiler, sion 5.351 SE 01022W1.11049 I Canada, Ud. Ada/6000 sase 2, iminary sion 01127W1.11085)	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model 7013-530 (under AIX 3.1)		(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS Ada Compiler,	Release 1.2.3) Amdahl 5890/180E(under	
mpany 9000 Series 0 Ada Compiler, sion 5.351 SE 01022W1.11049) 1 Canada, Ud. Ada/6000 ease 2, liminary sion 101127W1.11085) I claded by Registration 1 Canada, Ud.	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model 7013-530 (under AIX 3.1)	Same as Host Any Host	(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS Ada Compiler, Version 7.0	Release 1.2.3) Amdahl 5890/180E(under	
mpany 9000 Series 0 Ada Compiler, sion 5.351 SE 01022W1.11049) A Canada, Ud. Ada/6000 ease 2, liminary sion 101127W1.11085) Ilidated by Registration 4 Canada, Ud. Ada/6000	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model 7013-530 (under AIX 3.1)		(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS Ada Compiler,	Release 1.2.3) Amdahl 5890/180E(under	
npany 9000 Series Ada Compiler, sion 5.351 SE 01022W1.11049) Ada/6000 esse 2, siminary sion 01127W1.11085) Ilidated by Registration Canada, Ud. Ada/6000	Vers— 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model 7013-530 (under AIX 3.1)		(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS Ada Compiler, Version 7.0	Release 1.2.3) Amdahl 5890/180E(under	
mpany	Verse 3 A.B7.00 (release 7.0),37.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported) RISC System/6000 model 7013-530 (under AIX 3.1)		(#930901W1.11322) Intermetrics, Inc. UTS Ada Compiler, Version 302.03 (#910425W1.11141) Intermetrics, Inc. Intermetrics MVS Ada Compiler, Version 7.0	Release 1.2.3) Amdahl 5890/180E(under	

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (O
1	10.4. 20.02 (1//1./00.1/00	S		18.1. 20.83 (£
International Business Machines	IBM 3083 (under VM/SP HPO Release 5.0)	Same as Host	International	IBM 3083 (under VM/SP HPO	Same as Host
	Kelease 3.0)		Business Machines	Release 5.0)	
Corporation			Corporation		
BM Ada/370,			IBM Ada/370,		
Version 1.1.0			Version 1.2.0		
#901128W1.11091)			(unoptimized) (#910612W1.11168)		
Validated by Registration			(*710012**1:11100)		
nternational	IBM 3090 (under VM/ESA	Same as Host	*Validated by Registration		
usiness Machines	Release 1.0 ESA Feature)		International	IBM 3090 (under VM/SP HPO	IBM 937x, 43xx, 308x, 309
Corporation			Business Machines	6.0)	ES/9000 processars (unde
3M Ada/370,			Corporation		VM/SP HPO 6.0)
ersion 1.1.0			IBM Ada/370,		
BASE			Version 1.2.0		
901128W1.11091)			(BASE		
			#910612W1.11168)		
Validated by Registration International	IBM 3084 (under VM/ESA	Same as Host	*Validated by Registration		
usiness Machines	Release 1.0 370 Feature)	Same as most	International	IBM 3090 (under VM/XA 2.1)	IBM 937x, 43xx, 308x, 30
Corporation	1.0 3/0 i editie)		Business Machines	0070 (Silder 1170 ~ 2.11)	ES/9000 processors (unde
			Corporation		VM/XA 2.1)
BM Ada/370,			•		114VA 2.11
ersion 1.1.0			IBM Ada/370,		
BASE			Version 1.2.0		
#901128W1.11091)			(BASE #910612W1.11168)		
Validated by Registration					
nternational	IBM 3090 (under VM/XA	Same as Host	*Validated by Registration		
Business Machines	Release 2.1)		International	IBM 3084 (under VM/ESA	IBM 937x, 43xx, 308x, 30
Corporation			Business Machines	1.1.0 (370 Feature))	ES/9000 processors (unde
BM Ada/370,			Corporation		VM/ESA 1.1.0 (370 Featu
ersion 1.1.0			IBM Ada/370,		
BASE			Version 1.2.0		
#901128W1.11091)			(BASE		
Validation 6. Occuration			#910612W1.11168)		
Validated by Registration international	IBM 3090 (under VM/SP	Same as Host	*Validated by Registration		
Business Machines	Release 6.0 HPO 60)	34	International	IBM 3090 (under VM/ESA	IBM 937x, 43xx, 308x, 30
Corporation	Keleuse e.e iii e ee;		Business Machines	1.1.0 (ESA Feature))	ES/9000 processors (unde
BM Ada/370,			Corporation	1.1.0 (ESKT ediole))	VM/ESA 1.1.0 (ESA Featu
Version 1,1,0			IBM Ada/370,		1110 (25/11/04/0
BASE			Version 1.2.0		
≠901128W1.11091)			(BASE		
			#910612W1.11168)		
nternational	IBM 4381 (under MVS/XA	Same as Host			
Business Machines	Release 3.8)		 Validated by Registration 		
Corporation			International	IBM 3090 (under VM/ESA	IBM 937x, 43xx, 308x, 30
BM Ada/370,			Business Machines	1.1.1)	ES/9000 processors (unde
/ersion 1.1.0			Corporation		VM/ESA 1.1.1)
#901128W1.11092)			IBM Ada/370,		
			Version 1.2.0		
Validated by Registration			(BASE		
nternational	IBM 3090 (under MVS/ESA	Same as Host	#910612W1.11168)		
Business Machines	Release 4.1)				
Corporation			*Validated by Registration		
BM Ada/370,			International	IBM 3084 (under VM/ESA	IBM 937x, 43xx, 308x 809
/ersion 1.1.0			Business Machines	1.1.0(370Feature)); IBM	ES/9000 processors (unde
BASE			Corporation	3090 (under VM/ESA	same OS as Host)
≠901128W1.11092)			IBM Ada/370,	1.1.0(ESA Feature), VM/ESA	
			VM/CMS Ada	1.1.1, VM/XA 2.1, & VM/SP	
nternational	IBM 3083 (under VM/SP HPO	Same as Host	Compiler, Version 1.4.0	HPO 5.0 & 6.0)	
Business Machines	Release 5.0)		(BASE		
Corporation			#910612W1.11168)		
BM Ada/370,					
/ersion 1.2.0			International	IBM 4381 (under MVS/ESA	Same as Host
optimized)			Business Machines	Release 3.1)	
#910612W1.11166)			Corporation		
			IBM Ada/370,		
nternational	IBM 4381 (under MVS/ESA	Same as Host	Version 1.2.0		
usiness Machines	Release 3.1)		(unoptimized)		
Corporation			(#910612W1.11169)		
3M Ada/370,					
ersion 1.2.0			*Validated by Registration		
optimized)			International	IBM 3090 (under MVS/SP XA	IBM 937x, 43xx, 308x, 30
			Business Machines	2.2)	ES/9000 processors (und
#910612W1.11167)					MVS/SP XA 2.2)
#910612W1.11167)			Corporation		
#910612W1.11167)			Corporation IBM Ada/370.		
#910612W1.11167)			IBM Ada/370,		
#910612W1.11167)					

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
				6 2/50/	
Validated by Registration	10. 4 0.000 / L 10.45 /56 4	1014 027 42 200 2000	Irvine Compiler	Sun 3/50 (under SunOS V4.0)	Same as Host
nternational	IBM 3090 (under MVS/ESA	IBM 937x, 43xx, 308x, 3090 &	Corporation		
Business Machines	Release 4.1.0)	ES/9000 processors (MVS/ESA	ICC Ada v7.0.0		
Corporation		Release 4.1.0)	(#910510W1.11146)		
BM Ada/370,					
/ersion 1.2.0			*Validated by Registration		
BASE			Irvine Compiler	Sun Microsystems Sun-3	Any Host
#910612W1.11169)			Corporation	computer family (under	
			ICC Ada lor Sun3,	SunOS 4.0 & 4.1)	
Validated by Registration			Version 7.4		
nternational	IBM 3090 (under MVS/ESA	IBM 937x, 43xx, 308x, 3090 &	(BASE		
Jusiness Machines	Release 4.2.0)	ES/9000 processors (MVS/ESA	#910510W1.11146)		
Corporation		Release 4.2.0)	,		
BM Ada/370,			Irvine Compiler	HP 9000 Model 400 (under	Same as Host
			Corporation	HP-UX Release 7.03)	34/10 43 / 100/
/ersion 1.2.0			•	TIT TOX Release 7.05)	
BASE			ICC Ada v7.0.0		
\$910612W1.11169)			(#910510W1.11147)		
Validated by Registration			*Validated by Registration		
nternational	IBM 3090 (under MVS/ESA	IBM 937x, 43xx, 308x, 3090,	Irvine Compiler	HP 9000 Series 300 & 400,	Any Host
	· ·	& ES/9000 computers (under	Corporation	all Models (under HP-UX	
Susiness Machines	4.1.0 & 4.2.0)		ICC Ada for HP	Version A.B8.05 (release	
Corporation		same OS as Host)		·	
BM Ada/370,			9000 Series	8.05))	
ersion 1.3.0			300/400, Version		
BASE			7.4		
#910612W1.11169)			(BASE		
			#910510W1.11147)		
Validated by Registration	1044 4201 (v-1-144) C/CC4	IRM 037, 42-, 209, 2000	Inine Compiler	VAXstation 3100 Model M38	Intel :80960MC (bare
nternational	IBM 4381 (under MVS/ESA	IBM 937x, 43xx, 308x, 3090,	Irvine Compiler Corporation	(under VMS 5.3-1)	machine)
Susiness Machines	3.1.0)	& ES/9000 computers (under	· · · · · · · · · · · · · · · · · · ·	(under vM3 3.3-1)	machine)
Corporation		same OS as Host)	ICC Ada v7.0.0		
BM Ada/370,			(#910510W1.11148)		
ersion 1.3.0					
BASE			*Validated by Registration		
#910612W1.11169)			Irvine Compiler	DEC VAX-11, VAXserver,	Intel i960MC with or without
			Corporation	VAXstation, MicroVAX, VAX	ICE960 on an Intel
Validated by Registration			ICC Ada for	4000, VAX 6000, VAX 8000,	EXV80960MC board; any
	IP. (2000 /	IBM 937x, 43xx, 308x 8090, &	i960MC, Version	VAX 9000, & VAX 10000	single-board computer that
International	IBM 3090 (under MVS/ESA				_
Business Machines	3.1.0, 4.1.0, & 4.2.0, &	ES/9000 processors (under	7.4	series of computers (under	uses the 1960 chip; Intel
Corporation	MVS/SP XA 2.2)	same OS as Host)	(BASE	VMS 5.4)	i960 simulator (executing on
BM Ada/370 MVS			#910510W1.11148)		the Host) (bare machine)
Compiler, Version 1.4.0					
BASE			*Validated by Registration		
#910612W1.11169)			Irvine Compiler	HP 9000 Series 300 & 400,	Intel 1960MC, with/without
			Corporation	all models (under HP-UX	ICE 960, on an EXV80960M
International	ICL Series 39 Level 80	Same as Host	ICC Ada for	Version 8.0, all releases)	board; any single-board
Computers Limited	(under VME with VMEB		i960MC 7.4		computer using the i960
	·		(BASE		chip; and Intel i060
VME Ada Compiler	Environment Option Version				simulator, executing on the
/A3,00	SV291)		#910510W1.11148)		Host (bare machines)
#911003N1.11222)					1
nternational	ICL Series 39 Level 80	Same as Host	*Validated by Registration		
Computers Limited	(under VME with VMEB		Irvine Compiler	HP 9000 Series 700, all	Intel i960MC, with/without
VME Ada Compiler	Environment Option Version		Corporation	models (under HP-UX Version	ICE 960, on an EXV80960M
VA3.10	SV292)		ICC Ada for	8.0, all releases)	board; any single-board
(#921008N1.11293)			i960MC 7.4		computer using the 1960
# /21000H1.11273)			(BASE		chip; and Intel i060
	110.000014 1.17001		,		simulator, executing on the
Irvine Compiler	HP 9000 Model 720 (under	Same as Host	#910510W1.11148)		
Corporation	HP-UX Release 8.01)				Host (bare machines)
CC Ada v7.0.0					
#910510W1.11145)			*Validated by Registration		1.1.0/0.10
			Irvine Compiler	Sun Microsystems Sun-3	Intel i960MC, with/without
Validated by Registration			Corporation	computers, all models	ICE 960, on an EXV80960N
rvine Compiler	HP 9000 Series 700 & 800,	Any Host	ICC Ada for	(under SunOS version 4.1.2	board; any single-board
Corporation	all Models (under HP-UX		960MC 7.4	& Solaris version 1.0.1,	computer using the i960
ICC Ada for HP	Version A.B8.05 (release		(BASE	all releases)	chip; and Intel i060
9000 Series			#910510W1.11148)		simulator, executing on the
	8.05))		#710510H1.11140)		Host (bare machines)
700/800, Version					rices (pare mocinies)
7.4			evelides de Donies e		
(BASE			*Validated by Registration	Sun Advancementaria Sun A	Intel i960MC, with/without
•			Irvine Compiler	Sun Microsystems Sun-4,	ICE 960, on an EXV80960N
			Corporation	SPARCstation, & SPARCserver	
#910510W1.11145)			ICC Ada for	computers, all models	board; any single-board
#910510W1.11145)			i960MC 7.4	(under SunOS version 4.1.2	computer using the i960
#910510W1.11145) Validated by Registration	HP 9000 Series 700 & 800,	Same as Host			chip; and Intel i060
#910510W1,11145) Validated by Registration livine Compiler		Same as Host	(BASE	& Solaris version 1.0.1,	chip; and inter 1000
#910510W1.11145) Validated by Registration Irvine Compiler Corporation	all models (under HP-UX	Same as Host	(BASE		simulator, executing on the
#910510W1.11145) Validated by Registration Invine Compiler Corporation ICC Ada for HP	all models (under HP-UX Versions 8.0 & 9.0, all	Same as Host		& Solaris version 1.0.1, all releases)	simulator, executing on the
#910510W1.11145) Validated by Registration vivine Compiler Corporation CC Ada for HP 9000 Series	all models (under HP-UX Versions 8.0 & 9.0, all releases; and HP-UX BLS	Same as Host	(BASE		
P910510W1,11145) Validated by Registration ovine Compiler Corporation CC Ada for HP	all models (under HP-UX Versions 8.0 & 9.0, all	Same as Host	(BASE		simulator, executing on the

'ENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (
alidated by Registration			Meridian Software	DECstation 3100 (under	Same as Host
vine Compiler	DEC VAX-11, MicroVAX,	Intel i960XA with or without	Systems, Inc.	Ultrix, Version 3.0)	
orporation	VAXserver, VAXstation,	ICE960 on an Intel EXV80960XA	Meridian Ada, Version 4.1		
C Ada for	VAXIt; and VAX 4000, 6000,	board; any single-board computer	(#900909W1.11033)		
60XA, Version 7.5	7000, 8000, 9000, & 10000	that uses the 1960XA chip; Intel	,		
ASE	series of computers (under	1960XA simulator (executing	*Validated by Registration		
910510W1.11148)	VMS 5.4)	on the Host) (bare machine)	Meridian Software	DECstation 2100, 3100 &	Any Host
,	,	, (, , , , , , , , , , , , , , , , , ,	Systems, Inc.	5000 (under Ultrix 3.0)	.,
rine Compiler	VAXstation 3100 Model M3B	Intel i960MX in Hughes DMV	Meridian Ada, Version 4.1	Soco (ender Sima ere)	
orporation	(under VMS Version 5.3-1)	running in tagged mode (bare	(BASE		
C Ada v7.4.0	(onder this telsion 5.5-1)	machine, using CHKSYS kernel	#900909W1.11033)		
92052011.11260)		version 104)	#7007071111033)		
72032011.11200)		version (U4)		1814 BS 20 14 d d 40 1 db	Same as Host
alidated by Registration			Meridian Software	IBM PS/2 Model 60 (with	same as nosi
railadied by Registration	DEC VAY 11 VAY	I-1-I :0401414 \$:04014V	Systems, Inc.	Floating-Paint	
	DEC VAX-11, VAXserver,	Intel i960MM & i960MX on a	Meridian Ada,	Co-Processor) (under IBM	
	VAXstation, MicraVAX, VAX	TRONIX PI960MX-JXV JIAWG	Version 4.1	PC-DOS 3.30)	
C Ada for	4000, VAX 6000, VAX 8000,	Execution Vehicle board; any	(#900909W1.11034)		
	VAX 9000, & VAX 10000	single-board computer that			
60MM, Version	Series of computers (under	uses the i960MM/MX	*Validated by Registration		
4	VMS 5.4)	superscalar chip; Intel i960	Meridian Software	Any Computer System	Any Host
ASE		simulator (executing on the	Systems, Inc.	comprising: cpu: any that	
92052011.11260)		Host) (bare machine)	Meridian Ada,	executes the Intel 80286,	
			Version 4.1	80386, or 80486 instruction	
alidated by Registration			(BASE	set, fpu: Intel 80287, 80387,	
rine Compiler	HP 9000 Series 300 & 400.	Intel 1960MM & 1960MX	#900909W1.11034)	or equivalent, as appropriate,	
·	all models (under HP-UX	with/without ICE 960, on a		memory: 640 KByte RAM minimum,	
	Version B.O. all releases)	TRONIX PI960MX-JXV JIAWG		disk: 20 M8yte hard drive, OS:	
60MM and 1960MX	version b.o, dir releases)	Execution Vehicle board; any		IBM PC-DOS 3.30	
				IBM PC-DOS 3.30	
ersion 7.4		single-board computer using			
ASE		the i960MM/MX superscalar chip;	*Validated by Registration		
92052011.11260)		and Intel i060 simulator, executing on the	Meridian Software	Any Computer System	Any Host
		Host (bare machines)	Systems, Inc.	Comprising: Cpu: any that	
		•	Meridian Ada,	executes the Intel 80286,	
alidated by Registration			Version 4.1.1	80386, or 80486 instruction	
ine Compiler	HP 9000 Series 700, all	Intel i960MM & 1960MX	(BASE	set; Fpu: Intel 80287,	
orporation	models (under HP-UX Version	with/without ICE 960, on a	#900909W1,11034)	80387, or equivalent, as	
C Ada for	8.0, all releases)	TRONIX PI960MX-JXV JIAWG		appropriate; Memory: 640 or	
60MM and 1960MX		Execution Vehicle board; any		greater KByte RAM; Disk: 20	
ersion 7.4		single-board computer using		MByte hard drive (under IBM	
ASE		the i960MM/MX superscalar		PC-DOS 3.30)	
92052011.11260)		chip; and Intel 1060 simulator, executing		7.0.03 3.30)	
72032011.11200)		on the	*Validated by Registration		
		Host (bare machines)	Meridian Software	Any Computer System	Any Host
		riosi (bare machines)		Comprising: cpu: any that	Ally Host
/_1:			Systems, Inc.		
alidated by Registration	5 40 - 5 5	1 - 1:0:0:0:0:0:0	Meridian Ada,	executes the Intel 80286,	
•	Sun Microsystems Sun-3	Intel i960MM& i960MX,	Version 4.1.4	80386, or 80486 instruction	
	computers, all models	with/without ICE 960, on a	(BASE	set; fpu: Intel BO2B7,	
C Ada for	(under SunOS version 4.1.2	TRONIX P1960MX-JXV JIAWG	#900909W1.11034)	B03B7, or equivalent, as	
60MM and i960MX	& Solaris version 1.0.1,	Execution Vehicle board; any		appropriate; memory: 640	
rsion 7.4	all releases)	single-board computer using		KByte RAM; disk: 20 MByte	
ASE		the i960MM/MX superscalar chip;		hard drive (under I8M	
92052011.11260)		and Intel i060 simulator, executing on the		PC-DOS 3.30)	
,		Host (bare machines)		•	
			Meridian Software	I8M PS/2 Model 30 (with	Same as Host
alidated by Registration			Systems, Inc.	Floating-Point	
	Sun Microsystems Sun-4,	Intel i960MM & i960MX, with/without	Meridian Ada,	Co-Processor) (under IBM	
·			Version 4.1	PC-DOS 3.30)	
	SPARCstation, & SPARCserver	ICE 960, on a TRONIX PI960MX-JXV		rC-003 3.30j	
	computers, all models	JIAWG Execution Vehicle board; any	(#900909W1.11035)		
	(under SunOS version 4.1.2	single-board computer using			
	& Solaris version 1,0.1,	the 1960MM/MX superscalar chip	*Validated by Registration		
	all releases)	and Intel i060 simulator, executing	Meridian Software	Any Computer System	Any Host
92052011.11260)		on the Host (bare machines)	Systems, Inc.	comprising: cpu: any that	
			Meridian Ada,	executes the Intel 8086	
	Sun-3/260 (under SunOS,	Same as Host	Version 4.1	instruction set, fpu: Intel	
stems, Inc.	Version 4.1)		(BASE	8087 or equivalent, as	
eridian Ada, Version 4.1			#900909W1.11035)	appropriate, memory: 640	
900909W1.11031)				KByte RAM minimum, disk: 20	
				MByte hard drive, OS: IBM	
eridian Software	Sun-4/110 (under SunOS,	Same as Host		PC-DOS 3.30	
	Version 4.1)	333 43 11001			
	. 5.51011 7.11)		*Validated by Denostration		
eridian Ada, Version 4.1			*Validated by Registration	1. 6 1-5 1-1	An. Heat
900 909 W1.11032)			Meridian Software	Any Computer System	Any Host
			Systems, Inc.	Comprising: Cpu: any that	
alidated by Registration			Meridian Ada,	executes the Intel 8086	
eridian Software	Sun Microsystems Sun-4,	Any Host	Version 4.1.1	instruction set; Fpu: Intel	
	SPARCserver & SPARCstation		(BASE	8087 or equivalent, as	
	31 WKC361A61 OF 31 WKC 2KIROU				
items, Inc.			· ·	appropriate; Memory: 640 or	
items, Inc. eridian Ada,	computer families (under		#900909W1.11035)	appropriate; Memory: 640 or areater K8vte RAM: Disk: 20	
items, Inc. eridian Ada,			· ·	appropriate; Memory: 640 or greater K8yte RAM; Disk: 20 M8yte hard drive (under I8M	

VENDOR, COMPILI & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
Validated by Registration			*Validated by Registration		
Meridian Software	Any Computer System	Any Host	Meridian Software	Any Computer System	Any Host with the same OS
ystems, Inc.	Comprising: cpu: any that		Systems, Inc.	Comprising: Cpu: any that	
Aeridian Ada,	executes the Intel 8086		Meridian Ada,	executes the Intel 80386 or	
ersion 4.1.4	instruction set; fpu: Intel		Version 4.1.1	80486 instruction set; Fpu:	
BASE	8087 or equivalent, as		(BASE	Intel 80387 or equivalent,	
≠900909W1.11035)	appropriate; memory: 640 KByte		#900909W1.11037)	for 80386 cpu; Memory: 2 or	
	RAM; disk: 20 MByte hard drive			greater M8yte RAM; Disk: 40	
	(under IBM PC-DOS 3.30)			MByte hard drive (under SCO	
				Unix 3.2 or INTERACTIVE	
teridian Software	ITT XTRA/286 (with	Same as Host		UNIX System V/386 Release 3.2)	
ystems, Inc.	Floating-Point				
Aeridian Ada,	Co-Processor) (under MS-DOS		Meridian Software	Apple Macintosh II (under	Same as Host
ersion 4.1	3.20/OS286)		Systems, Inc.	System 6.0.3)	
#900909W1.11036)			Meridian Ada, Version 4.1		
			(#900909W1.11038)		
Validated by Registration			,		
teridian Software	Any Computer System	Any Host	*Validated by Registration		
ystems, Inc.	comprising: cpu: any that	•	Meridian Software	Apple Macintosh SE 30	Same as Host
teridian Ada,	executes the Intel 80286,		Systems, Inc.	(under System 6.0.3)	
ersion 4.1	80386, or 80486 instruction		Meridian Ada, Version 4.1	,	
BASE			(BASE		
	set, fpu: Intel 80287,		,		
(900909W1.11036)	80387, or equivalent, as		#900909W1.11038)		
	appropriate, memory: 1.5		11 12 6 6		5 11 1
	M8yte RAM minimum, disk: 20		Meridian Software	Apple Macintosh II (under	Same as Host
	MByte hard drive, OS:		Systems, Inc.	A/UX 2.0)	
	MS-DOS 3.20/OS286		Meridian Ada, Versian 4.1		
			(#901108W1.11060)		
Validated by Registration					
Aeridian Software	Any Computer System	Any Host	Meridian Software	Stardent Titan P3 (under	Same as Host
ystems, Inc.	Comprising: Cpu: any that		Systems, Inc.	Stardent/Unix 3.0)	
Aeridian Ada,	executes the Intel 80286,		Meridian Ada, Version 4.1		
ersion 4.1.1	80386, or 80486 instruction		(#901108W1.11061)		
BASE	set; Fpu: Intel 80287,				
\$900909W1.11036)	80387, or equivalent, as		Meridian Software	MicroVAX 3100 (under Ultrix	Same as Host
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	appropriate; Memory: 1.5 or		Systems, Inc.	3.1)	
			Meridian Ada, Version 4.1	3.11	
	greater MByte RAM; Disk: 20				
	MByte hard drive (under		(#901108W1.11062)		
	MS-DOS 3.30/OS286)		11-11-5-6	11: 1/4×11/ 1/45 F 21	\$ W
			Meridian Software	MicroVAX II (under VMS 5.2)	Same as Host
Validated by Registration			Systems, Inc.		
Aeridian Software	Any Computer System	Any Host	Meridian Ada, Version 4.1		
ystems, Inc.	Comprising: cpu: any that		(#901108W1.11063)		
Aeridian Ada,	executes the Intel 80286,				
ersion 4.1.4	80386, or 80486 instruction		Meridian Software	18M PS/2 Model 80 (with	Same as Host
BASE	set; fpu: Intel 80287,		Systems, Inc.	Floating Point	
£900909W1.11036)	80387, or equivalent, as		Meridian Ada,	Co-Processor) (under I8M	
	appropriate; memory: 1.5		Version 4.1.1	PC-DOS 3.30/OS386)	
	MByte RAM; disk: 20 MByte		(#911002W1.11218)		
	hard drive (under MS-DOS				
	3.20/OS286)		*Validated by Registration		
	,		Meridian Software	Any Computer System Comprising:	Any Host
Aeridian Software	80 Data 386/25 (under	Same as Host	Systems, Inc.	cpu: any that executes the Intel	,
ystems, Inc.	386/ix 1.0.6)	June us Trust	Meridian Ada,	80386 or 80486 instruction set;	
	J00/IX 1.0.0)		· · · · · · · · · · · · · · · · · · ·		
Meridian Ada, Version 4.1			Version 4.1.4	fpu: Intel 80387 or equivalent, as	
≠900909₩1.11037)			(8ASE	appropriate; memory: 1.5 MByte	
			#911002W1.11218)	RAM; disk: 20 MByte hard drive	
Validated by Registration				(under IBM PC-DOS 3.30/OS386)	
Meridian Software	Any Computer System comprising:	Any Host machine running the			
ystems, Inc.	cpu: any that executes the Intel	same OS	Meridian Software	NeXT station (under System	Same as Host
Aeridian Ada,	80386 or 80486 instruction set,		Systems, Inc.	Release 2.0)	
ersion 4.1	fpu: optional Intel 80387 or		Meridian Ada, Version 4.1		
BASE	equivalent, for 80386 cpu, memory		(#911002W1.11219)		
\$900909W1.11037)	2 MByte RAM minimum, disk: 40		,		
	MByle hard drive, OS: SCO Unix		Meridian Software	SGI PowerSeries 4D/310S	Mercury MC860 VM (under
	3.2 or Interactive 386/ix 1.0.6		Systems, Inc.	(under IRIX Sys V 3.3.2)	MC/OS, Version 2.0)
	0.2 of fine octive 300/tx 1,0.0		Meridian Ada, Version 4.1	(420. 1.0.012)	.,,,
Validated by Day 1					
Validated by Registration			(#911002W1.11220)		
Aeridian Software	Sequent Symmetry 2000/40,	Any Host			
yslems, inc.	/200, /400 & /700 (under		*Validated by Registration		
Meridian Ada, Version 4.1	DYNIX/ptx V1.2.0)		Meridian Software	SGI PowerSeries 4D/310S	Mercury MC860V8 & MC860V
BASE			Systems, Inc.	(under IRIX Sys V 3.3.2)	(under MC/OS, Version 2.0)
			Meridian Ada, Version 4.1		
≠900909W1.11037)					
\$900909W1.11037)			(BASE		

& CERTIFICATE #	ER HOST # MACHINE & (OS)	TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
*Validated by Registration			MIPS Computer	MIPS M/2000 (under RISC/os	Same as Host
Meridian Software	SGI PowerSeries 4D/310S	Mercury MC860VS (under	Systems	4.50)	
Systems, Inc.	(under IRIX Sys V 3.3.2)	MC/OS, Version 2.VS)	MIPS Ada 3.0		
Meridian Ada, Version 4.1			(#900619W1.I1011)		
BASE					
≠911002W1.11220)			*Validated by Registration	C 11	A. M
Meridian Software	20 21 101 111		Multiprocessor	Sun Microsystems	Any Host
vieriaian sonware Systems, Inc.	Sun-4/110 (under SunOS, Version 4.1)	Mercury MC860 VM (under	Toolsmith Inc. CASEWorks/RT Ada	SPARCstation series (under	
Meridian Ada, Version 4.1	version 4.1)	MC/OS, Version 2.0)	v1.1 for Sun	SunOS 4.11, 4.1.2, & 4.1.3)	
#911002W1.11221)			SPARCStation		
			(BASE		
Validated by Registration			#930722W1.11318)		
Meridian Software	Sun Microsystems Sun-4/110,	Mercury MC860VB & MC860VM			
ystems, Inc.	/150, /260 & /280;	(under MC/OS, Version 2.0)	*Validated by Registration		
Meridian Ada,	SPARCserver 330, 370, 390,	and Mercury MC860VS (under	Multiprocessor	Sun Microsystems	Any MC68020-, MC68030-,
ersion 4.1	470 & 490; and SPARCstation	MC/OS, Version 2.VS)	Toolsmith Inc.	SPARCstation series (under	MC68040-based single-boar
BASE	2, IPC & IPX (under SunOS		CASEWorks/RT Ada	SunOS 4.11, 4.1.2, & 4.1.3)	computer (bare machines,
#911002W1.11221)	Versions 4.1 & 4.1.1) and		v1.1 for Sun		using Unison 3.1)
	SPARCengine 1E (under SunOS		SPARCStation		
	Version 4.1e)		(BASE		
			#930722W1.11319)		
Meridian Software	Sequoia Series 400 (under	Same as Host			
ystems, Inc.	Topix, Version 6.5)		Multiprocessor	Sun SPARCstation 10 (under	Same as Host
Meridian Ada, Version 4.1			Toolsmiths Inc.	SunOS 4.1.3)	
#911216W1.11232)			CASEWorks/RT Ada		
			for the Sun		
Meridian Software	Intergraph Interpro 2400	Same as Host	SPARCStation, 1.1		
ystems, Inc.	(under CLIX System 5,		(#930722W1.11318)		
Aeridian Ada,	Release 3.1)		A 4 16'	5 - 50496 107	14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
/ersion 4.1.3			Multiprocessor Toolsmiths Inc.	Sun SPARCstation 10 (under	Motorola MVME147 (bare
#920915W1.11266)			CASEWorks/RT Ada	SunOS 4.1.3)	machine)
Validated by Registration			MC680x0, Version		
Aeridian Software	InterGraph InterPro Series	Any Host	1.1		
ystems, Inc.	C300- & C400-based models	,	(#930722W1.11319)		
Aeridian Ada,	(under CLIX, System 5		,		
ersion 4.1.3	Release 3.1)		Multiprocessor	Sun SPARCstation 2 (under	CSPI Supercard II (Intel
BASE			Toalsmiths Inc.	SunOS 4.1.1)	80860) with VSB
≠920915W1.11266)			CASEWorks/RT Ada	·	daughterboard (bare machine
			i860, Version 1.1		
Meridian Software	Essence 836 (under DOS 5.0,	Same as Host	(#930722W1.11320)		
ystems, Inc.	running Microsoft Windows				
Aeridian Ada,	3.0)		*Validated by Registration		
ersion 4.1.3			Multiprocessor	Sun Microsystems	CSPI Supercard 2 with VSB
#920915W1.11267)			Toolsmiths Inc.	SPARCstation series (under	daughierboard, CSPI
			CASEWorks/RT Ada	SunOS 4.11, 4.1.2, & 4.1.3)	Supercard 3 with VSB
Aeridian Software	BBN TC2000 (under nX 3.0.1)	Same as Host	v1.1 for i860		daughterboard, CSPI
ystems, Inc.			(BASE	•	Supercard 3XL with VSB
Aeridian Ada,			#930722W1.11320)		daughterboard, & CSPI
ersion 4.1.3					Supercard 4 with VSB daughterboard (bare
#920915W1.11268)					machines, using Unison/pSO
					3.1)
taridian Salarara	88N TC2000 (under at 3.0.1)				3.1)
	BBN TC2000 (under nX 3.0.1)	BBN TC2000 (under pSOS+/88k)			
ystems, inc.		88N 1C2000 (under pSOS+/88k)	NEC Corporation	NEC EW\$4800/220(under	Same as Hast
ystems, înc. Aeridian Ada, Version 4.1.		88N 1C2000 (under pSOS+/88k)	NEC Corporation NEC Ada Compiler	NEC EWS4800/220(under EWS-UX/V (Release 4.0)	Same as Hast
ystems, înc. Aeridian Ada, Version 4.1.		88N 1C2000 (under pSOS+/88k)	NEC Ada Compiler	EWS-UX/V (Release 4.0)	Same as Hast
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269)	3	88N 1C2000 (under pSOS+/88k) Same as Host	NEC Ada Compiler System for		Same as Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software			NEC Ada Compiler System for EWS-UX/V (Release	EWS-UX/V (Release 4.0)	Same as Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software ystems, Inc.	3 HP 9000/827(under HP-UX		NEC Ada Compiler System for	EWS-UX/V (Release 4.0)	Same as Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software ystems, Inc. Aeridian Ada,	3 HP 9000/827(under HP-UX		NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version	EWS-UX/V (Release 4.0)	Same as Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software ystems, Inc. Aeridian Ada, (ersion 4.1.3	3 HP 9000/827(under HP-UX		NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6)	EWS-UX/V (Release 4.0)	Same as Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software ystems, Inc. Aeridian Ada, (ersion 4.1.3	3 HP 9000/827(under HP-UX		NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6)	EWS-UX/V (Release 4.0)	Same as Host
ystems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software ystems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301)	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 167-68040		NEC Ada Compiler Sysiem for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#91091851.11216)	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520,	Same as Host Any Host
ystems, Inc. Meridian Ada, Version 4.1. #920915W1.11269) Meridian Software ystems, Inc. Meridian Ada, ersion 4.1.3 #921202W1.11301) Meridian Software ystems, Inc.	3 HP 9000/827 (under HP-UX 8.02)	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1(4.6) (#91091851.11216) *Validated by Registration NEC Corporation NEC Ada Compiler	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635	
ystems, Inc. Meridian Ada, Version 4.1. #920915W1.11269) Meridian Software ystems, Inc. Meridian Ada, ersion 4.1.3 #921202W1.11301) Meridian Software ystems, Inc. Meridian Ada, Meridian Ada, Meridian Ada,	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 167-68040	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918S1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1)	
ystems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301) teridian Software systems, Inc. teridian Ada, ersion 4.1.3	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 167-68040	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918S1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4)	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS 4800 Superstation RISC	
ystems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301) teridian Software systems, Inc. teridian Ada, ersion 4.1.3	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 167-68040	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#91091851.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS 4800 Superstation RISC Series (all EWS RISC models,	
ystems, Inc. Meridian Ada, Version 4.1. Meridian Software ystems, Inc. Meridian Ada, Meridian Ada, Meridian Software Meridian Software Meridian Software Meridian Software Meridian Ada,	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4)	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918S1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4)	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0)	
vstems, Inc. Meridian Ada, Version 4.1. #920915W1.11269) Meridian Software vstems, Inc. Meridian Ada, ersion 4.1.3 #921202W1.11301) Meridian Software vstems, Inc. Meridian Ada, ersion 4.1.3 #930401W1.11313) Meridian Software	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#91091851.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1,	
pstems, Inc. teridian Ada, Version 4.1. \$920915W1.11269) teridian Software systems, Inc. teridian Ada, tersion 4.1.3 \$921202W1.11301) teridian Software teridian Ada, teridian Software systems, Inc. teridian Software systems, Inc.	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4)	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#91091851.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0)	
pstems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #930401W1.11313) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #930401W1.11313)	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918S1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (BASE #910918S1.11216)	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS 4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported)	Any Host
pstems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #930401W1.11313) teridian Software systems, Inc. teridian Ada, ersion 4.1.3	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918\$1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (BASE #910918\$1.11216)	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS 4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported) NEC EWS 4800/60(under	Any Host NEC MV4000 (under RX-UX8
pstems, Inc. teridian Ada, Version 4.1. #920915W1.11269) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #921202W1.11301) teridian Software systems, Inc. teridian Ada, ersion 4.1.3 #930401W1.11313) teridian Software systems, Inc. teridian Ada, ersion 4.1.3	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS	Same as Host	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1(4.6) (#91091851.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (BASE #91091851.11216) NEC Corporation NEC Ada Compiler	EWS-UX/V (Release 4.0) R2.1) UP 4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS 4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported)	Any Host
ystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software ystems, Inc. Aeridian Ada, ersion 4.1.3 #921202W1.11301) Aeridian Software vstems, Inc. Aeridian Ada, (ersion 4.1.3 #930401W1.11313) Aeridian Software ystems, Inc. Aeridian Ada, (ersion 4.1.3 #930401W1.11314)	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS 5.0)	Same as Host Same os Host ADSP-21020(bare machine)	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1(4.6) (#910918\$1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE #910918\$1.11216) NEC Corporation NEC Ada Compiler System for EWS-UX/V ta	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported) NEC EWS4800/60(under EWS-UX/V R8.1)	Any Host NEC MV4000 (under RX-UX8
Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software Aeridian Ada, Aeridian Ada, (ersion 4.1.3 #921202W1.11301) Aeridian Software Aeridian Ada, (ersion 4.1.3 #930401W1.11313) Aeridian Software Aeridian Software Aeridian Ada, (ersion 4.1.3 #930401W1.11314) AIPS Compuler	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS 5.0) MIPS M/2000 (under RISC/os	Same as Hast Same as Hast ADSP-21020(bare machine) R3200-6 CPU board (bare	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6) (#910918S1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE #910918S1.11216) NEC Corporation NEC Ada Compiler System for EWS-UX/V ta V70/RX-UX832, Version 1.6	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported) NEC EWS4800/60(under EWS-UX/V R8.1)	Any Host NEC MV4000 (under RX-UX8
Aeridian Software vystems, Inc. Aeridian Ada, Version 4.1. #920915W1.11269) Aeridian Software vystems, Inc. Aeridian Ada, (ersion 4.1.3 #921202W1.11301) Aeridian Software vystems, Inc. Aeridian Ada, (ersion 4.1.3 #930401W1.11313) Aeridian Software vystems, Inc. Aeridian Ada, (ersion 4.1.3 #930401W1.11314) AlPS Computer vystems, Inc. Aeridian Ada, (ersion Ada, (ersion Ada, (ersion Ada, (ersion Ada)	3 HP 9000/827 (under HP-UX 8.02) Motorola VME 1 67-68040 (under OS/9 68K, v2.4) Essence 486 (under MS-DOS 5.0)	Same as Host Same os Host ADSP-21020(bare machine)	NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1(4.6) (#910918\$1.11216) *Validated by Registration NEC Corporation NEC Ada Compiler System, Version R4.1 (4.6.4) (8ASE #910918\$1.11216) NEC Corporation NEC Ada Compiler System for EWS-UX/V ta	EWS-UX/V (Release 4.0) R2.1) UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported) NEC EWS4800/60(under EWS-UX/V R8.1)	Any Host NEC MV4000 (under RX-UX8

'ENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
Validated by Registration			*Validated by Registration		
EC Corporation	All RISC (MIPS R3000-&	NEC MV4000 (under RX-UX832	R.R. Software,	Any Computer System	Same as Host
EC Ada Compiler	R4000-based) models of the	V1.6)	Inc.	Comprising: cpu: Intel	
stem for	EWS4800 series (under		Janus/Ada 2.2.0	80386, fpu: optional,	
WS-UX/V (Rel 4.0) to	EWS-UX/V (4.0) R2.1)		UNIX	memory: 4 MByte RAM, disk:	
70/RX-UX832, Version 1.0			(BASE	60 MByle hard drive (under	
ASE			#901129W1.11089)	SCO Unix 3.2)	
910918\$1.11217)			*\/=l:J=+= J b 0++		
Validated by Registration			"Validated by Registration R.R. Software,	Any Computer System	Any Host
EC Corporation	EWS4800 Superstation RISC	NEC MV4000 (under RX-UX832		Comprising: cpu: any that	, any , , and
EC Ada Compiler	Series (under	V1.63)	Janus/Ada 2.2.2	executes the Intel 80386	
	EWS-UX/V(R4.0) R6.2)	71.03)	UNIX	instruction set; fpu:	
rstem for WS-UX/V(Rel 4.0)	2473-0% 7(K4.0) K0.2)		(BASE	optional; memory: 4 MByte	
V70/RX-UX832			#901129W1.11089)	RAM; disk: 40 MByte hard	
			*70112741.11007)	drive (under SCO Unix 3.2)	
arsion R4.1 (V4.6.4) ASE				dive (binder 3CO onix 3.2)	
91091851.11217)			Rational	R1000 Series 300 (under	Phillips PG2100 (OS-2000
			M68020/OS-2000	Rational Environment	Release 2.0)
orth China	MicroVAX II (under ULTRIX	Same as Host	Cross-Development	Version D_12_24_0)	
stitute of	3.0)	•	Facility, Version 7		
omputing Technology	,		(#901116W1.11081)		
Ada, Version 1.0			,		
910902N1.11198)			Rational	R1000 Series 300 (under	HP 9000 Model 370MH (unde
,			M68020/Unix	Rational Environment	HP-UX Version 7.0)
oprietary	VAX 8350 (under VMS Version	PSS Zoran ZR34325 Digital	Cross-Development	Version D_12_24_0)	
oftware Systems, Inc.	5.4)	Signal Processor AdaRAID	Facility, Version 7	/	
S VAX/ZR34325	•	Version XK-01.000 (bare	(#901116W1.11082)		
ompiler Version		machine simulation,	,		
3-01.000		executing on the Host)	Rational	R1000 Series 300 (under	Motorola MVME135 (68020)
¢920423I1.11250)		, , , , , , , , , , , , , , , , , , ,	M68020/Bare	Rational Environment	(bare machine)
720 1201111 12007			Cross-Development	Version D 12_24_0)	
R. Software,	IBM PS/2 Model 80 (under	IBM PS/2 Model 80 (under MS	Facility, Version 7	/	
C.	Phar Lap/DOS 3.3)	DOS 3.3)	(#901116W1.11083)		
inus/Ada 2.2.0			,		
har Lap/DOS			Rational	R1000 Series 300 (under	Same as Host
#901120W1.11088)			Rational	Rational Environment	
			Environment,	Version D_12_24_0)	
Validated by Registration			D_12_24_0		
.R. Software,	Any Computer System	Any Computer System	(#901116W1.11084)		
ic.	Comprising: cpu: Intel	Comprising: cpu: Intel			
anus/Ada 2.2.0	80386, fpu: optional,	80386, fpu: optional,	*Validated by Registration		
har Lap/DOS	memory: 4 MByte RAM, disk:	memory: 4 MByte RAM, disk:	Rational Software	Apple Macintosh II Family	Any Host
BASE	40 MByte hard drive (under	40 MByte hard drive (under	Corporation	of computers (under System	
901120W1.11088)	Phar Lap/DOS 3.3)	MS DOS 3.3)	Meridian Ada, v4.1.4	7.1)	
			(BASE		
Validated by Registration			#900909W1.11038)		
.R. Software,	Any Computer System	Same as Host			
nc.	Comprising: cpu: any that		*Validated by Registration		6
anus/Ada 2.2.1	executes Intel 8086/8088		Rational Software	Any Computer that executes	Same as Host
OS	instructions; fpu:		Corporation	the Intel 80486 instruction	
BASE	optional; memory: 640		VADS 386/486,	set (under Interactive UNIX	
£901120W1.11088)	KByle RAM; disk: 20 MByle		VAda-110-3737,	System V/386 Release 3.2)	
	hard drive (under MS DOS 3.3)		Version 6.2		
			(BASE		
Validated by Registration			#910517W1.11157)		
.R. Software,	Any Computer System	Any Host	D-4: 1 6 fs	SDARCetation 10/61/	Same as Host
к.	Comprising: cpu: any that		Rational Software	SPARCstation 10/51 (under	oume as most
anus/Ada 2.2.2	executes the Intel		Corporation	SunOS 4.1.3)	
OS	8086/8088instruction set;		Apex 1.4.1		
BASE	fpu: optional; memory:		(#940608W1.11356)		
901120W1.11088)	640 KByne RAM; disk: 20		0-4	SPARCstation 10/51 (under	Same as Host
	MByte hard drive (under		Rational Software	•	
	MS-DOS 3.3)		Corporation	Solaris 2.3)	
/alidated by 9-ai			Apex 1.4.1 (#940608W1.11357)		
Validated by Registration	Any Computer Series	Any Host (under MS-DOS 3.3)	(**/10000071.1133/)		
.R. Software, nc.	Any Computer System	Aut Liosi (under Ma-DO3 3.3)	Rational Software	RS/6000 model 350 (under	Some as Host
	Comprising: cpu: any that		Corporation	AIX 3.2.5)	
anus/Ada 2.2.2	executes the Intel 80386		·	, an 0.2.0j	
86 to DOS	instruction set; fpu:		Apex 1.4.1		
BASE	optional; memory: 2 MByte		(#940608W1.11358)		
901120W1.11088)	RAM; disk: 40 MByte hard		0-4- 15 6	DEC 4000 Model 610 AXP	Same as Host
	drive (under Phar Lap /		Rational Software		Sullie da Front
	MS-DOS 3.3)		Corporation	(under OSF/1, V2.0)	
			VADSself for DEC		
			Alpha AXP OSF/1, Product		
.R. Software,	Northgate 386/25 (under SCO	Same as Host	•		
.R. Software, ic. anus/Ada 2.2.0 Unix	Northgate 386/25 (under SCO Unix 3.2)	Same as Host	#2100-01439,Version 6.2 (#940630W1.11359)		

VENDOR, COMPILI & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE :		TARGET MACHINE & (OS)
Rational Software	DEC 3000 Model 500 AXP	Same as Host	Rational Software	DG AViiON G70592-A(88110)	Same As Host
Corporation	(under OSF/1, V1.3)		Corporation	(under UNIX System ∨	
VASDself for DEC			VADS System V/88	Release 4)	
Alpha AXP OSF/1, Product			Release 4, VAda-110-8484	I,	
#2100-01439, Version 6.2			Product #2100-01464,		
(#940630W1.11360)			Version 6.2		
			(#940630W1.11372)		
Rational Software	Silicon Graphics Challenge	Same as Host			
Corporation	(4IP19 @ 100MHz) (under		Rational Software	AT&T 3B2/600GRUNIX System	AT&T 3B2/600GR (under System
Silicon Graphics	IRIX 5.2)		Corporation	V Release 4, Product	V, Release 4.0)
VADS, VAda-2100-00732,			VADS AT&T	#2100-01449, Version 6.2	
Version 6.2			3B2/600GRUNIX System		
(#940630W1.11361)			V Release 4, Product		
			#2100-01449, Version 6.2		
Rational Software	Silicon Graphics Challenge	SGI Indigo XS4000 (MIPS	(#940630W1.11373)		
Corporation	(4IP19 @ 100MHz) (under	R4000), operating as a bare	· ·		
VADScross IBM	IRIX 5.2)	machine (bare machine)	Rockwell	VAX 8650 (under VMS,	CAPS/AAMP1 (bare machine)
RISC System/6000		,	International	Version 5.3-1)	
ALX 3.2.3 => MIPS			Corporation	10131011 3.3 11)	
R4000, Version 6.2			DDC-8ased Ada/CAPS		
#940630W1.11362)					
(*740030441.11302)		•	Compiler, Version 6.0		
0 . 15 f:	1011 05 1/000 11 1 1 050	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(#910306W1.11129)		
Rational Software	I8M RS/6000 Model 250	Motorola MVME1601 (PowerPC			
Corporation	(under AIX 3.2.5)	601) (bare machine)	*Validated by Registration		
VADS PowerPC =>			Rockwell	DEC VAX-11, VAXserver,	CAPS/AAMP1 (bare machine)
PowerPC, Product			International	VAXstation, MicroVAX, VAX	
#2100-01445,Version 6.2			Corporation	6000, VAX 8000 & VAX 9000	
(#940630W1.11363)			DDC-Based	Series of computers (under	
			Ada/CAPS	VMS Versions 5.3-1 & 5.4)	
Rational Software	IBM RS/6000 Model 530	Motorola MVME1601 (PowerPC	Compiler, Version 6.1		
Corporation	(under AIX 3.2.5)	601) (bare machine)	(BASE		
VADS IBM RS/6000			#910306W1.11129)		
=> PowerPC, Product			,		
#2100-01445, Version 6.2			Rockwell	VAXstation 3100 Model 30	CAPS/AAMP2 (bare machine)
(#940630W1.11365)			International	(under VMS 5.4)	2., 2,
,			Corporation	(onder this stry	
Rational Software	Sun SPARCstation 10 (under	Heurikon HKMIPS/V3500 (MIPS	DDC-Based Ada/CAPS		
Corporation	SunOS 4.1.3)	R3000) (bare machine)	Compiler, Version 6.0		
DADScross Sun4 =>	301103 4.1.3)	k5000) (bare machine)	(#910306W1.11130)		
MIPS R3000, Product #21			(#7103001111130)		
(#940630W1.11366)			*Validated by Registration		
(*74003011.11300)			Rockwell	DEC VAX-11, VAXserver,	CAPS/AAMP2 (bare machine)
Rational Software	Sun SPARCstation 10/512	SGI Indigo XS4000 (MIPS	International	VAXstation, MicroVAX, VAX	CAN STATE (Bare machine)
		,			
Corporation VADScross Sun4 Solaris	(under Soloris 2.3)	R4000) (operating as a bare	Corporation	6000, VAX 8000 & VAX 9000	
		machine)	DDC-Based Ada/CAPS	Series of computers (under	
2.3 => MIPS R4000,			Compiler, Version 6.1	VMS Versions 5.3-1 & 5.4)	
Version 6.2			(8ASE		
(#940630W1.11367)			#910306W1.11130)		
Rational Software	Sun SPARCstation 10 (under	Intel Paragon (under OSF/I	*Validated by Registration	2	G. G
Corporation	SunOS 4.1.3)	Release 1.1.4)	Rockwell	DEC VAX-11, VAXserver,	CAPS/AAMP2 & CAPS/AAMP3
DADScross Sun4 =>			International	VAXstation, MicroVAX, VAX	(bare machines)
Paragon, Product			Corporation	4000, VAX 6000, VAX 8000,	
#2100-01452,Version 6.2			DDC-Based	VAX 9000, & VAX 10000	
#940630W1.11368)			Ada/CAPS Compiler	series of computers (under	
			System, Version 6.3	VMS 5.5-2)	
Rational Software	Sun SPARCcenter 2000 (under	Motorola MVME1601 (PowerPC	(8ASE		
Corporation	Solaris 2.3)	601) (bare machine)	#910306W1.11130)		
VADS Sun4 => PowerPC,	,	,,			
Product #2100-01444,			SD-Scicon UK Ud	VAX Cluster (comprising	Motorola MVME133XT board
Version 6.2			XD Ada MC68020.	VAXserver 3600, MicroVAX 2000	(MC68020) (bare machine)
(#940630W1.11369)			Version 1.2	(2) & MicroVAX II machines)	,
			(#901007N1.11042)	(under VMS Version 5.3)	
Rational Software	Sun SPARCetation 21 - 4.	VADS Round PC Instance Co.	(#70100/141.11042)	נטומפו יויש דפוזוטוו טוטן	
	Sun SPARCstation 2 (under	VADS PowerPC Instruction Set	ev-hddl o		
Corporation	SunOS 4.1.2)	Simulator, executing on the	*Validated by Registration	WAY CLASSIC	14-1
VADS Sun4 =>		Host (bare machine	SD-Scicon UK Lid	VAX Cluster (comprising	Motorola MVME135-1 board
PowerPC		simulation)	XD Ada MC68020	VAXserver 3600, MicroVAX	(MC68020) and Motorola
Simulator, Product			Version 1.2	2000 (2) & MicroVAX II	MVME147S-1 board (MC680)
#2100-01455,Version 6.2			(BASE	machines) (under VMS 5.3)	(bare machines)
#940630W1.11370)			#901007N1.11042)		
			and 16 d		
Rational Software	Motorola Series 900 Model	Same As Host	*Validated by Registration		
Corporation	911 (M88110) (under UNIX		SD-Scicon UK Ltd	VAX Cluster (comprising	Motorola MVME133XT board
ADS System V/88	System V Release 4)		XD Ada MC68020,	VAXserver 3600, MicroVAX	(MC68020) (bare machine)
Release 4, VAda-110-8383			Version 1.2A	2000 (2) & MicroVAX II	
Product #2100-00736,			(BASE	machines) (under VMS 5.4)	
√ersion 6.2			#901007N1.11042)		
#940630W1 113711					

(#940630W1.11371)

VENDOR, COMPIL & CERTIFICATE		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
*Validated by Registration SD-Scicon UK Ltd XD Ada MC68020 MVME135 & MVME147, Version 1.2A (BASE #901007N1.11042)	VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)	Motorola MVME135-1 (MC68020) & MVME1475-1 (MC68030) boards (bare machines)	Siemens Nixdorf Informations- systeme AG SIEMENS NIXDORF BS2000 Ada Compiler V2. (#90111911.11111)	SIEMENS NIXDORF 7.590G (under BS2000V9.5)	Same as Host
*Validated by Registration SD-Scicon UK Ltd XD Ada MC68020/EFA, Version 1.2A (BASE #901007N1.11042)	VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)	Motorola MVME135-1 board (MC68020)(bare machine)	*Validated by Registration Siemens Nixdorf Informations- systeme AG SIEMENS NIXDORF BS2000 Ada Compiler V2.1 (BASE #90111911.11111)	SIEMENS NIXDORF 7.530, 7.536, 7.541, 7.550, 7.551, 7.560, 7.561, 7.570, 7.571, 7.580 & 7.590; 7.500-C30, -C40, -H60, -H90 & -H120 (under BS2000 V 9.5 & V10.0)	Same as Host
*Validated by Registration SD-Scicon UK Ltd XD Ada CPU32 Version 1.2 (BASE #901007N1.11042)	VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.4)	Motorola M68340EVS Evaluation System CPU32 (bare machine)	Siemens Nixdorf Informations- systeme AG Ada (SINIX) V4.1 (#910711W1.11181)	Siemens Nixdorf WX200 (SINIX-ODT) (under SINIX-ODT V1.0)	Same as Host
*Validated by Registration SD-Scicon UK Ltd XD Ada CPU32/MC68332 Version 1.2 (BASE	VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.4)	Motorola M68332EVS Evaluation System CPU32 (bare machine)	*Validated by Registration Siemens Nixdorf Informations- systeme AG Ada (SINIX) V4.1 (BASE	Siemens Nixdorf WX200 (SINIX-ODT) (under SINIX-ODT V1.5)	Same as Host
#901007N1.11042) SD-Scicon UK Ltd XD Ada MIL-STD-1750A, Version 1.2 (#901214N1.11080)	Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.3)	Fairchild F9450 on a SBC-50 board (MIL-STD-1750A)(bare machine)	#910711W1.11181) Siemens Nixdorf Informations- systeme AG Ada (SINIX) V4.1 (#92032511.11249)	Siemens Nixdorf MX300i (under SINIX Version V5.41)	Same as Host
SD-Scicon UK Ud XD Ada MC68000, Version 1.2 (#910314N1.11134)	Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)	Motorola MC68000 on an MVME117-3FP board (bare machine)	"Validated by Registration Siemens Nixdorf Informations- systeme AG Ada (SINIX) V4.1	Siemens Nixdorf WX200 & MX500i (under SINIX Version 5.41)	Each Host, self targeted
*Validated by Registration SD-Scicon UK Ud XD Ada MC68000/EFA, Version 1.2	Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines)	Motorola MC68000 on an MVME117-3FP board (bare machine)	(BASE #92032511.11249) "Validated by Registration Siemens Nixdorf Informations-	Siemens Nixdorf PC (under SINIX Version V5.41)	Same as Host
(BASE #910314N1.11134) SD-Scicon UK Eld XD Ada	(under VMS 5.4) Local Area VAX Cluster (comprising VAXserver 3600,	Motorola MVME1475-1 (MC68030) (bare machine)	systeme AG Ada (SINIX) V4.1 (BASE #92032511.11249)		
MC68020/ARTX, Version T1.2 (#910911N1.11199) SD-Scicon UK Ltd XD Ada MC68040,	MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4) Local Area VAX Cluster (comprising VAXserver 3600,	Motorola MVME165 (MC68040) (bare machine)	Siemens Nixdorf Informations- systeme AG Ada (SINIX) V4.1 (#92092211.11276)	Siemens Nixdorf RM600 (under SINIX Version V5.41)	Same as Host
Version 1.2 (#911128N1.11230) "Validated by Registration	MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)		*Validated by Registration Siemens Nixdorf Informations-systeme AG Ada (SINIX) V4.1 (BASE	Siemens Nixdorf RM400 (under SINIX Version V5.41)	Same as Host
SD-Scicon UK Ltd XD Ada MC68040/FORCE CPU-40, Version 1.2 (BASE #911128N1.11230)	Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.5)	FORCE CPU-40 (MC68040) (bare machine)	#92092211.11276) Silicon Graphics Computer Systems 4D ADA 3.0 (#900703W1.11014)	Iris-4D/380 (under IRIX Release 4D-3.3)	Same as Host
*Validated by Registration SD-Scicon UK Ltd XD Ada MC68040, Version 1.2	Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), &	Motorola MVME167 (68040) (bare machine)	Silicon Graphics Computer Systems 4D ADA 3.0 (#900703W1,11015)	Iris-4D/220S (under IRIX Release 4D-3.3)	Same as Host
(BASE #911128N1.11230)	MicroVAX II machines) (under VMS 5.5)		Silicon Graphics Computer Systems 4D ADA 3.0 (#900703W1.11016)	Iris-4D/25 (under IRIX Release 4D-3.3)	Same as Host

VENDOR, COMPILE		TARGET	VENDOR, COMPILE		TARGET
& CERTIFICATE #	MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS
Silicon Graphics, Inc.	SGI Indigo (under Irix	S	eventual and the Commission		
ADS SGI-Irix	V4.0)	Same as Host	"Validated by Registration Sun Microsystems	Sun Microsystems Sun-4,	Any Host
C4-ADA-4.0, Version 6.1	74.0)			SPARCserver, & SPARCstation	Ally rices
#910920W1.11203)			Sun Microsystems		
#710720W1.11203)			Sun Ada, SunOS,	computer families (under	
0/-1:d-v-d-L 0 = .			ADE-1.1-4-4-21,	SunOS 4.1.3)	
Validated by Registration	1015 1 1 0 11015		Versions 1.0 & 1.1		
Silicon Graphics, Inc.	IRIS Indigo, Personal IRIS	Any Host	(BASE		
ADS SGI-Irix,	4D, IRIS 4D series of		#900510W1.11006)		
SC4-ADA-4.0,	computers (under Irix V4.0)				
/ersion 6.1			*Validated by Registration	5 4 50.00	
BASE #010000W1 11000			Sun Microsystems,	Sun-4, SPARCserver, &	Any Host
#910920W1.11203)			Inc.	SPARCstation computer	
	561 (0) (10)	6	Sun Microsystems	families (under Solaris	
ilicon Graphics,	SGI 4D/440 (under Irix	Same as Host	SPARCompiler Ada 2.1	2.0, 2.1, 2.2, & 2.3)	
nc.	V3.3)		(BASE		
/ADS SGI-Irix,			#921004W1.11289)		
C4-ADA-4.0,					
/ersion 6.1			*Validated by Registration		
#910920W1.11204)			Sun Microsystems,	Sun-4, SPARCserver, &	Any Host
			Inc.	SPARCstation computer	
KY Computers, Inc.	SGI Personal Iris W-4D25	SKYbolt 8116-V (under	Sun Microsystems	families (under Solaris	
Meridian Ada,	(under Irix System ∨ 3.3)	SKYbolt kernel version 2.33)	SPARCworks iMPact	2.0, 2.1, 2.2, & 2.3)	
ersion 4.1			Ada 1.0		
#910711W1.11183)			(BASE		
			#921004W1.11290)		
KY Computers,	SPARCstation 1 (under SunOS	SKYstation 8117-P (under			
nc.	release 4.1)	SKYstation kernel version	Tartan, Inc.	VAXstation 3100 (under VMS	Texas Instruments TMS3200
Meridian Ada,		2.33)	Tarian Ada	5.2)	Application Board (bare
/ersion 4.1			VMS/C30, Version 4.0		machine)
#910711W1.11185)			(#90121011.11121)		
·					
KY Computers,	SGI Personal Iris W-4D25	Same as Host	*Validated by Registration		
nc.	(under Irix System V 3.3)		Tarian, Inc.	VAXstation 3100 (under VMS	Texas Instruments TMS3200
Meridian Ada,			Tarian Ada	5.2)	Application Board (bare
/ersion 4.1			VMS/C30, Version 4.1	,	machine)
#910711W1.11189)			(BASE		,
			# 90121011.11121)		
SKY Computers,	SPARCstation 10 Model 402	SKYbolt Model 8146-V (under	7,0,2,0,,,,,,		
nc.	(under SunOS 4.1.3)	SKYmpxrt release 3.6)	*Validated by Registration		
KYvec ADA	(0.1001 301.03 4.11.0)	SKYTTPATY TOTAL O. O.	Tartan, Inc.	VAXstation 3100 (under VMS	Texas Instruments TMS3200
Release 3.6			Tarian Ada	5.2)	Application Board, NAVY
#940803W1.11374)			VMS/C30, Version	5.2)	SEM-D Key Code ADSP (ba
*/40003111.113/4)			4.1.1		machines)
Software	Sequent Symmetry S27 (under	Same as Host	(BASE		indennies)
		agine as mosi	•		
everage, Inc.	DYNIX/plx, 1.2)		#901210I1.11121)		
Parallel-Leverage			evelides de Decistantica		
d Ada, 6.1.0.2			*Validated by Registration		*
#940411W1.11355)			Tarian, Inc.	VAXstation 3100 (under VMS	Texas Instruments TMS3200
			Tartan Ada	5.2)	(bare machine)
Validated by Registration			VMS/C30/IPS,	•	
oftware	Unisys U6000/7x& U6000/8x	Any Host	Version 4.1.2		
everage, Inc.	series, and Unisys		(BASE		
			#90121011.11121)		
arallel-Leverage	Commercial Secure U6000/7x				
d Ada, 6.1.0.2	& U6000/8xseries, all				
d Ada, 6.1.0.2 BASE	& U6000/8xseries, all models (under DYNIX/ptx		*Validated by Registration		
d Ada, 6.1.0.2	& U6000/8xseries, all		Tartan, Inc.	VAXstation 3100 (under VMS	
d Ada, 6.1.0.2 BASE #940411W1.11355)	& U6000/8xseries, all models (under DYNIX/ptx		Tartan, Inc. Tartan Ada	VAXstation 3100 (under VMS 5.5)	Application Board, & Atlant
d Ada, 6.1.0.2 BASE	& U6000/8xseries, all models (under DYNIX/ptx	Same as Host	Tartan, Inc.	•	Application Board, & Atlant Signal Processors Eff
d Ada, 6.1.0.2 BASE #940411W1.11355)	& U6000/8xsenes, all models (under DYNIX/ptx 1.2)	Same as Host	Tartan, Inc. Tartan Ada	•	Application Board, & Atlant
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer,	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX,	Same as Host	Tartan, Inc. Tartan Ada VMS/C3X Version 4.3	•	Application Board, & Atlant Signal Processors Eff
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, nc.	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX,	Same as Host	Tartan, Inc. Tartan Ada VMS/C3X Version 4.3 (BASE	•	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, nc. Stratus Ada,	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX,	Same as Host	Tartan, Inc. Tartan Ada VMS/C3X Version 4.3 (BASE	•	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, nc. Stratus Ada, /ersion 6.1	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX,	Same as Host	Tartan, Inc. Tartan Ada VMS/C3X Version 4.3 (BASE #90121011.11121)	5.5)	TMS320C31 board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Siratus Computer, nc. siratus Ada, /ersion 6.1 #921015W1.11294)	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX,	Same as Host	Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada	5.5) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel
d Ada, 6.1.0.2 BASE #940411W1.11355) Sitratus Computer, nc. Sitratus Ada, (ersion 6.1 #921015W1.11294) Validated by Registration	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1)		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC,	5.5) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Sitratus Computer, nc. Sitratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4,	Same as Hast Any Host	Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0	5.5) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Eff TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC,	5.5) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Eff TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ada, SunOS,	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families;		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122)	5.5) Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21,	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; &		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc.	Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Soun Microsystems Soun Microsystems Soun Microsystems Soun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan Ada	5.5) Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare machine)
d Ado, 6.1.0.2 BASE #940411W1.11355) Siratus Computer, nc. Siratus Ado, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Microsystems Sun Ado, SunOS, ADE-1.0-4-4-21, /ersion 1.0 BASE	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCseton computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 &		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc.	Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlant Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Soun Microsystems Soun Microsystems Soun Microsystems Soun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan Ada	Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlan Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Inte EXV80960MC board (bare machine)
d Ado, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ado, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Microsystems Sun Ado, SunOS, ADE-1.0-4-4-21, /ersion 1.0 BASE #900510W1.11006)	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCseton computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 &		Tarian, Inc. Tarian Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarian, Inc. Tarian Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarian, Inc. Tarian Ada Sun/Sun, Version 4.0 (#90121111.11118)	Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlan Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Inte EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0 BASE #900510W1.11006)	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported)	Any Host	Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan Ada Sun/Sun, Version 4.0 (#90121111.11118)	Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlan Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Inte EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0 BASE #900510W1.11006) Validated by Registration Sun Microsystems	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported) Sun Microsystems Sun-4,		Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan Ada Sun/Sun, Version 4.0 (#90121111.11118) *Validated by Registration Tarlan, Inc.	Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS	Application Board, & Atlan Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Inte EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, nc. Stratus Ada, /ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0 BASE #900510W1.11006) Validated by Registration Sun Ada, SunOS, ADE-1.0-4-4-21, /ersion 1.0	& U6000/8xsenes, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported) Sun Microsystems Sun-4, SPARCstation,	Any Host	Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan, Inc. Tarlan Ada Sun/Sun, Version 4.0 (#90121111.11118) *Validated by Registration Tarlan, Inc. Tarlan Ada	Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS Version 4.0.3)	Application Board, & Atlan Signal Processors Elf TMS320C31 board (bare machines) Intel ICE960/25 on an Inte EXV80960MC board (bare machine)
d Ado, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, nc. Stratus Ado, (ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ado, SunOS, ADE-1.0-4-4-21, (ersion 1.0 BASE #900510W1.11006) Validated by Registration Sun Microsystems Sun Ado, SunOS, ADE-1.0-4-4-21, (ersion 1.0 BASE #900510W1.11006)	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCstation computer families; SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported) Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCserver, SPARCstation, & SPARCserver SPARCstation, & SPARCserver SPARCstation, & SPARCserver SPARCserver SPARCstation, & SPARCstation SP	Any Host	Tartan, Inc. Tartan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tartan, Inc. Tartan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tartan, Inc. Tartan Ada Sun/Sun, Version 4.0 (#90121111.11118) *Validated by Registration Tartan, Inc. Tartan Ada Sun/Sun, Version 4.1	Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Eff TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare machine)
d Ada, 6.1.0.2 BASE #940411W1.11355) Stratus Computer, inc. Stratus Ada, (ersion 6.1 #921015W1.11294) Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21, (ersion 1.0 BASE #900510W1.11006) Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.1-4-4-21, Validated by Registration Sun Microsystems Sun Ada, SunOS, ADE-1.1-4-4-21,	& U6000/8xseries, all models (under DYNIX/ptx 1.2) Stratus XA/R20 (under FTX, 2.0.1) Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported) Sun Microsystems Sun-4, SPARCserver, SPARCserver, SPARCserver, SPARCserver, SPARCserver, SPARCserver, SPARCserver families; SPARCserver 600MP	Any Host	Tarlan, Inc. Tarlan Ada VMS/C3X Version 4.3 (BASE #90121011.11121) Tarlan, Inc. Tarlan Ada Sun/960MC, Version 4.0 (#90121011.11122) Tarlan, Inc. Tarlan Ada Sun/Sun, Version 4.0 (#90121111.11118) *Validated by Registration Tarlan, Inc. Tarlan Ada Sun/Sun, Version 4.1 (BASE	Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS Version 4.0.3) Sun 3/60 (under SunOS	Application Board, & Atlant Signal Processors Eff TMS320C31 board (bare machines) Intel ICE960/25 on an Intel EXV80960MC board (bare machine)
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& CERTIFICATE #	ER HOST MACHINE & (OS)	TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
Validated by Registration			*Validated by Registration		
artan, Inc.	Sun 3/60 (under SunOS	Same as Host	Tartan, Inc.	VAXstation 3200 (under VMS	Texas Instruments STL VHSIC
artan Ada	Version 4.0.3)		Tartan Ada	5.2)	1750A (bare machine)
Sun/Sun, Version 4.2			VM\$/1750A, Version 4.1		
BASE #90121111.11118)			(BASE #90121311.11119)		
artan, Inc.	VAXstation 3100 (under VMS	Intel ICE960/25 on an Intel	*Validated by Registration		
artan Ada	5.2)	EXV80960MC board (bare	Tarlan, Inc.	VAXstation 3100 (under VMS	Texas Instruments STL VHSIC
MS/960MC, Version 4.0		machine)	Tartan Ada	5.5)	1750A, & Fairchild F9450 on
#90121211.11120)			VMS/1750A,		an SBC-50 (MIL-STD-1750A)
ar hi la la la la cara			Version 4.3 (BASE		(bare machines)
Validated by Registration artan, Inc.	VAXstation 3100 (under VMS	Intel EXV80960MC board, &	#901213I1.11119)		
arian Ada	5.2)	Intel ICE960/25 on an Intel	* 70 12 1011.11177		
MS/960MC,	5.2,	EXV80960MC board (bare	Tartan, Inc.	VAXstation 3100 (under VMS	Motorola MVME134 (MC68020)
ersion 4.1		machines)	Tartan Ada	5.2)	(bare machine)
BASE			VMS/680X0,		
90121211.11120)			Version 4.1		
			(#91061311.11171)		
Validated by Registration	VAYatation 2100 (d 1/146	Intel ICE960/25 on an Intel	*Validated by Registration		
artan, Inc. artan Ada	VAXstation 3100 (under VMS 5.2)	EXVB0960MC board (bare	Tarlan, Inc.	VAXstation 3100 (under VMS	Motorola MVME134 (MC68020),
апап маа MS/960MC,	5.61	machine)	Tarian Ada	5.2)	MVME1 43 (MC68030), & MVME16
ersion 4.2.1		,	VMS/680X0, Version 4.1.1	•	(MC68040) (bare machines)
BASE			(BASE		
¢901212I1.11120)			#91061311.11171)		
Validated by Registration			*Validated by Registration		
artan, Inc.	VAXstation 3100 (under VMS	Intel EXV80960MC board (bare	Tarlan, Inc.	VAXstation 3100 (under VMS	Motorola MVME134 (MC68020)
artan Ada	5.2)	machine)	Tartan Ada	5.2)	(bare machine)
MS/960MC, Version 4.2.1			VMS/680X0/IPS,		
BASE #90121211.11120)			Version 4.1.2 (BASE		
			#91061311.11171)		
Validated by Registration	VAV 4 5 - 2100 / - 4 VAS	Intel EXVB0960MC board (bare	*Validated by Registration		
artan, Inc. artan Ada	VAXstation 3100 (under VMS 5.2)	machine)	Tartan, Inc.	VAXstation 3100 (under VMS	Motorola MVME134 (68020),
MS/960MC,	3.2)	macanej	Tarian Ada	5.5)	MVME143 (68030), MVME165
ersion 4.2.2			VMS/68XXX Version 4.3	,	(68040), MC68332 (CPU32), &
BASE			(BASE		MC68340 (CPU32) (bare
¥90121211.11120)			#91061311.11171)		machines)
Validated by Registration			Tartan, Inc.	SPARCstation ELC (under	Texas Instruments TMS320C30
lartan, Inc.	VAXstation 3100 (under VMS	Cyclone CVME962 board, &	Tarian Ada SPARC	SunOS version 4.1.1)	Application Board (bare
artan Ada	5.5)	Intel EXV80960MC board (bare	C30, Version 4.2		machine)
/MS/960MC/SVMRT,		machines)	(#92031311.11244)		
Version 4.3 BASE			"Validated by Registration		
≠901212I1.11120)			Tartan, Inc.	SPARCstation ELC (under	Texas instruments TMS320C30
			Tartan Ada SPARC	SunOS version 4.1.1)	Application Board, & Atlanta
			C3X, Version 4.3		Signal Processors Elf
Validated by Registration			COA, Telsion 4.5		
artan, Inc.	VAXstation 3100 (under VMS	Cyclone CVME962 board, Intel	(BASE		TMS320C31 board (bare
artan, Inc. artan Ada	VAXstation 3100 (under VMS 5.5)	EXV80960MC board, &	· ·		TMS320C31 board (bare machines)
artan, Inc. artan Ada /MS/960MC/PMRT,	· ·	EXV80960MC board, & P1-960MX-JXV board (bare	(BASE #92031311.11244)	SPARCstation FLC (under	machines)
artan, Inc. artan Ada /MS/960MC/PMRT, /ersion 4.3	· ·	EXV80960MC board, &	(BASE #92031311.11244) Tarlan, Inc.	SPARCstation ELC (under SunOS version 4.1.1)	•
artan, Inc. artan Ada MS/960MC/PMRT, lersion 4.3 BASE	· ·	EXV80960MC board, & P1-960MX-JXV board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC	SPARCstation ELC (under SunOS version 4.1.1)	machines) Fairchild F9450 on an SBC-50
artan, Inc. artan Ada (MS/960MC/PMRT, (ersion 4.3 BASE	· ·	EXV80960MC board, & P1-960MX-JXV board (bare	(BASE #92031311.11244) Tarlan, Inc.		machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare
artan, Inc. artan Ada MS/960MC/PMRT, /ersion 4.3 BASE #90121211.11120)	· ·	EXV80960MC board, & P1-960MX-JXV board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245)		machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare
artan, Inc. artan Ada MS/960MC/PMRT, fersion 4.3 BASE #90121211.11120)	5.5)	EXV80960MC board, & P1-960MX-IXV board (bare machines)	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration	SunOS version 4.1.1)	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine)
artan, Inc. artan Ada MS/960MC/PMRT, fersion 4.3 BASE #90121211.11120) fartan, Inc. fartan Ada	5.5) Sun 3/50 (under SunOS	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc.	SunOS version 4.1.1) SPARCstation ELC (under	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC
artan, Inc. artan Ada MS/960MC/PMRT, ersion 4.3 BASE 490121211.11120) artan, Inc. artan Ada un/C30 Version 4.0	5.5) Sun 3/50 (under SunOS	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada	SunOS version 4.1.1)	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on
artan, Inc. artan Ada MS/960MC/PMRT, ersion 4.3 BASE 490121211.11120) artan, Inc. artan Ada un/C30 Version 4.0	5.5) Sun 3/50 (under SunOS	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC/1750A,	SunOS version 4.1.1) SPARCstation ELC (under	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A)
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artan, Inc. artan Ada (MS,/960MC/PMRT, /ersion 4.3 BASE #90121211.11120) (artan, Inc. artan Ada iun/C30 Version 4.0 #90121211.11123) Validated by Registration	5.5) Sun 3/50 (under SunOS	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC/1750A,	SunOS version 4.1.1) SPARCstation ELC (under	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A)
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artan, Inc. artan Ada MS/960MC/PMRT, fersion 4.3 3ASE \$90121211.11120) artan, Inc. artan Ada un/C30 Version 4.0 \$90121211.11123) Validated by Registration artan, Inc. artan Ada Sun/C30, fersion 4.1.1	Sun 3/50 (under SunOS Version 4.0.3)	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare machine) Texas Instruments TMS320C30	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC/1750A, Version 4.3 (BASE #92031311.11245) *Validated by Registration	SUNOS version 4.1.1) SPARCstation ELC (under SunOS version 4.1.1)	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A) (bare machines)
artan, Inc. artan Ada MS/960MC/PMRT, dersion 4.3 3ASE 490121211.11120) artan, Inc. artan Ada un/C30 Version 4.0 #90121211.11123) Validated by Registration artan, Inc. artan Ada Sun/C30, dersion 4.1.1 BASE	Sun 3/50 (under SunOS Version 4.0.3)	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare machine) Texas Instruments TMS320C30 Application Board (bare	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC/1750A, Version 4.3 (BASE #92031311.11245) *Validated by Registration Tartan, Inc.	SunOS version 4.1.1) SPARCstation ELC (under SunOS version 4.1.1) Sun SPARCstation ELC (under	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A) (bare machines)
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artan, Inc. (artan Ada //AS/960MC/PMRT, /ersion 4.3 BASE #90121211.11120) fartan, Inc. (artan Ada Sun/C30 Version 4.0 (#90121211.11123) Validated by Registration Iartan, Inc. Tartan Ada Sun/C30, Version 4.1.1 (BASE #90121211.11123) Tartan, Inc. Fartan, Inc. Fartan Ada VMS/1750A,	5.5) Sun 3/50 (under SunOS Version 4.0.3) Sun 3/50 (under SunOS Version 4.0.3)	EXV80960MC board, & P1-960MX-JXV board (bare machines) Texas Instruments TMS320C30 Application Board (bare machine) Texas Instruments TMS320C30 Application Board (bare machine)	(BASE #92031311.11244) Tartan, Inc. Tartan Ada SPARC 1750a, Version 4.2 (#92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC/1750A, Version 4.3 (BASE #92031311.11245) *Validated by Registration Tartan, Inc. Tartan Ada SPARC 1750a Version 4.2.1 (BASE #92031311.11245)	SunOS version 4.1.1) SPARCstation ELC (under SunOS version 4.1.1) Sun SPARCstation ELC (under SunOS 4.1.1)	machines) Fairchild F9450 on an SBC-50 board (MIL-STD-1750A)(bare machine) Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A) (bare machines) Fairchild F9450 on an SBC-50 board (bare machine)

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
*Validated by Registration			TeleSoft	Sun-4/280 (under Sun UNIX	Same as Host
Tartan, Inc.	SPARCstation ELC (under	Motorola MVME134 (68020),	TeleGen2Ada Host	4.2, Release 4.1)	
Tartan Ada	SunOS version 4.1.1)	MVME143 (68030), MVME165	Development		
SPARC/68XXX	301103 10131011 111117				
		(68040), MC68332 (CPU32), &	System, Version		
Version 4.3		MC68340 (CPU32) (bare	4.1, for		
(BASE		machines)	SPARCSystems		
# 920313II.11246)		·	(#901128W1.11090)		
Tarran, Inc.	50.05				
Tarian Ada SPARC	SPARCstation ELC (under SunOS version 4.1.1)	Intel EXV80960MC board (bare machine)	*Validated by Registration TeleSoft	Sun Microsystems Sun-4,	Any Host
960mc, Version 4.2	3011O3 Version 4.1.1)	machine)			Ally (10s)
			TeleGen2Ada Host	SPARCserver, SPARCstation,	
# 920313I1.11247)			Development System	& SPARCengine computer	
			for SPARCSystems,	families (under SunOS 4.2,	
Validated by Registration			Version 4.1	release 4.1)	
Tarian, Inc.	SDADC-1-1 FIC / H-	L		,	
	SPARCstation ELC (under	Intel EXV80960MC board (bare	(BASE		
Tanan Ada SPARC	SunOS Version 4.1.1)	machine)	#901128W1.11090)		
960 mc, Version					
4.2.2			*Validated by Registration		
BASE			TeleSoft	Solbourne Series 5 & 5E;	Any Host
					Any mosi
#92 0313H.11247)			TeleGen2Ada Host	and \$4000 (under OS/MP 4.1)	
			Development System for		
Validated by Registration			SPARCSystems, Version 4.1		
artan, Inc.	IBM RISC System/6000 Model	Intel EXCROGADAC Land /Lan	(BASE		
		Intel EXV80960MC board (bare	,		
artan Ada	320H (under AIX Version	machine)	#901128W1.11090)		
RS6000/960mc,	3.2)				
/ersion 4.2.2			*Validated by Registration		
BASE			TeleSoft	Sun Microsystems Sun-4,	Any Host
					Any rical
# 920313I1.11247)			TeleGen2Ada Host	SPARCserver, & SPARCstation	
			Development System	computer families (under	
Validated by Registration			for SPARCSystems,	Solaris 2.1)	
artan, Inc.	SPARCstation ELC (under	Cyclone CVME962 board, &	Version 4.1.1	,	
The state of the s					
Tartan Ada	SunOS version 4.1.1)	Intel EXV80960MC board (bare	(BASE		
SPARC/960MC/SVMRT		machines)	#901128W1.11090)		
Version 4.3					
BASE			TeleSoft	MicroVAX 3800 (under	Motorola MVME133A-20
			TeleGen2 Ada	VAXVMS Version 5.2)	(MC68020) (bare machine)
# 92031311.11247)				VACCIONAL VERSION 3.2)	(MC 88020) (Bare machine)
			Cross Development		
Validated by Registration			System, Version 4.1,		
Tarian, Inc.	SPARCstation ELC (under	Cyclone CVME962 board, Intel	for VAX/VMS to 68K		
Tartan Ada	SunOS version 4.1.1)	EXV80960MC board, &	(#91012111.11124)		
	301103 46131011 4.1.11)		(#71012111.11124)		
SPARC/960MC/PMRT,		PI-960MX-JXV board (bare			
/ersion 4.3		machines)	*Validated by Registration		
BASE			TeleSoft	DEC VAX-11, VAXserver,	Motorola board series
#92031311.11247)			TeleGen2Ada	VAXstation, MicroVAX, VAX	MVME133*, MVME135*, MVI
			Cross Development	6000, VAX 8000 & VAX 9000	(MC68020); MVME141*&
	VIV	T 1 THE200C 10			
Tanan, Inc.	VAXstation 4000 Model 60	Texas Instruments TMS320C40	System for VAX to	Series of computers (under	MVME147* (MC68030); and
Tartan Ada	(under VMS 5.5)	Parallel Processing	68K, Version 4.1	VMS Versions 5.0, 5.1, 5.2,	Force CPU-30, CPU-31, CPL
/MS/C40 v4.2.1		Development System (bare	(BASE	5.3 & 5.4, as supported)	& CPU-37 (bare machines)
#92103011.11296)		machine)	#91012111.111 24)		,
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Validated by Registration			"Validated by Registration	`	
larian, Inc.	SPARCstation ELC (under	Texas Instruments TMS320C40	TeleSoft	DEC VAX-11, VAXserver,	Motorola board series
Fartan Ada					
	SunOS version 4.1.1)	Parallel Develoment System	TeleSoft TRIAD System	VAXstation, MicroVAX, VAX	MVME147* (MC68030) (bare
SPARC/C40,		(bare machine)	for VAX/VMS to 68K,	6000, VAX 8000 & VAX 9000	machines, using
/ersion 4.3			Version 4.1	Series of computers (under	TeleAda-Exec)
BASE			(BASE	VMS Versions 5.0, 5.1, 5.2,	
# 921030I1.11296)			#91012111.11124)	5.3 & 5.4, as supported)	
			and the second		
Validated by Registration			*Validated by Registration		
larian, Inc.	VAXstation 3100 (under VMS	Texas Instruments TMS320C40	Tele Soft	DEC VAX-11, VAXserver,	Motorola MVME165° & MVM
Tarian Ada	5.5)	Parallel Develoment System	TeleGen2Ada	VAXstation, MicroVAX, VAX	(68040) board families (bare
/MS/C40, Version		(bare machine)	Cross Development	6000, VAX 8000 & VAX 9000	machines)
		(23.9			
4.3			System for VAX/VMS	Series of computers (as	
8ASE			to 68K, Version 4.1	supported) (under VMS	
# 92103011.11296)			(BASE	Versions 5.0, 5.1, 5.2, 5.3	
			#91012111.111 24)	& 5.4)	
lartan, Inc.	SPARCstation ELC (under	Motorola MVME167 (68040)		· t	
	· ·		T-1-6 4	14:	1
artanWorks Ada	SunOS 4.3.1)	(bare machine, using	TeleSoft	MicroVAX 3800 (under	Integrated Device Technology
/xWorks 68xxx		5.1)	TeleGen2 Ada	VAX/VMS Version 5.2)	IDT7RS301 System
/ersion 4.3.1			Cross Development		(R3000/R3010)(bare machin
#94022111.11340)			System, Version 4.1,		
-, 1022 111.11340)					
			for VAXVMS to MIPS		
eleSoft	Sun-3/280 (under Sun UNIX	Same as Host	(#91012311.11125)		
eleGen2Sun-3	4.2, Release 4.0.3)				
da Development			TeleSoft	Sun-3/480 (under Sun UNIX,	Motorola MVME135-1 (MCd
· ·			TeleGen2 Ada	Release 4.1)	
ystem, Version				nereuse 4.1)	(bare machine)
			Cross Development		
.01			System, Version 4.1,		
#900525I1.11012)			for SUN-3 to 68K		

& CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILI & CERTIFICATE		TARGET MACHINE & (OS)
TeleSoft	VAX 6210 (under VMS 5.3)	Intel (SBC 386-120	Texas Instruments	MIDS MADOON I DISC.	TI 0022 02000 0
TeleGen2 Ada	VAX 6210 (dilder VAS 5.5)	(80386/387)(bare machine,	MIPS-Ada, Version	MIPS M/2000 (under RISC/os 4.02)	TI DP32 R3000 Processor (bare machine, using TI DP32
Cross Development		using TeleAda-EXEC 1.0)	3.0	4.02)	RTE Version 1.0)
System, Version 3.1		osing reior as Erea 1.0)	(#901030W1.11052)		KIE Version 1.0)
for VAX/VMS to 386			(= > 5 5 5 5 11 1 5 5		
#91032511.11139)			Texas Instruments	MicroVAX 3400 (under VMS	TI DP32 R3000 Processor
			TI Ada, Version	5.3-1)	(bare machine, using TI
Validated by Registration			1.0		Executive and Runtime
TeleSoft	VAX 4000-300 (under VMS	Intel iSBC 486/133SEboard	(#910403W1.11135)		Services (EARS) Version 1.0)
TeleGen2Ada	5.4-3)	(bare machine, using			
Cross Development		TeleAda-EXEC 1.0)	*Validated by Registration		
System, Version 3.1			TED Systems, Inc.	DEC VAX-11, VAXserver,	TLDmps MIL-STD-1750A
(BASE			TLD Comanche	VAXstation, MicroVAX, VAX	Multiple Processor
# 910325I1.11139)			VAX/MIL-STD-1750A	4000, VAX 6000, VAX 8000, &	Simulator, executing on the
T 1 C 6	5 4//0/ 1/5 05 4 1)	11-1	Ada Compiler	VAX 9000 Series of	Host (bare machine
TeleSoft	Sun-4/60 (under SunOS 4.1)	Motorola MVME147 (68030)	System, Version 3.4.C (BASE	computers (under VMS 5.5)	simulation, using TLDrtx
TeleGen2 Ada Cross Development		(bare machine, using TeleAda-EXEC 1.0)	#931012W1.11329)		Real Time Executive, 3.4.C)
System, Version 3.1		Telepod-Exc. T.O)	#731012W1.11327)		
or SPARC to 68K			*Validated by Registration		
#910325I1.11140)			TLD Systems, Inc.	DEC VAX-11, VAXserver,	Various hardware & software
,×710323H.11140)			TLD Comanche	VAXstation, MicroVAX, VAX	implementations of the Intel
Validated by Registration			VAX/i960 Ada	4000, VAX 6000, VAX 8000, &	i960 hardware architecture,
TeleSoft	Sun Microsystems Sun-4,	Motorola MVME133*, MVME135*,	Compiler System,	VAX 9000 Series of	including: TLDmps 1960
TeleGen2 Ada	SPARCserver & SPARCstation	MVME136* (68020); MVME141* &	Version 4.1.1	computers (under VMS 5.5)	Multiple Processor Simulator
Cross Development	computer families (under	MVME147° (68030); and	(BASE	, , , , , , , , , , , , , , , , , , , ,	(executing on a host),
System for SPARC	SunOS 4.1)	MVME165° & MVME167° (68040)	#940305W1.11335)		Tronic JIAWG 1960 MX/XA Execution
to 68K, Version 4.1		board families (bare			Vehicle, Intel EXV 960MX Execution
BASE		machines, optionally using			Vehicle, and Westinghouse Data
#91032511.11140)		TeleAda_Exec 2.0)			Processing System (containing multip
					1960 MX/XA boards) (bare machine:
TeleSoft	Apple Macintosh Iffx (under	Same as Host			bare machine simulation, using TLD
TeleGen2Ada Host	A/UX 2.0)	•			Real Time Executive, Version 4.1.1)
Development System,			710.5	f 4354 b 5 05	0 1 111
Version 4.1, for			TLD Systems, Ltd.	Sun-4/75 (under SunOS,	Rockwell International RI-1750AB Brassboard
MacII Systems			TLD	Version 4.1.1)	Development System (bare
(#91072111.11194)			Sun-4/MIL-STD-175 OA Ada Compiler		machine, using TLDrtx Real
*Validated by Registration			System, Version 2.9.0		Time Executive, Version
TeleSoft	Apple Macintosh II family,	Any Host	(#920319W1.11237)		1.0.0)
TeleGen2Ada Host	& SE/30 (under A/UX Release	Ally Hour	(272007711112077		,
Development System for	2.0)		TLD Systems, Ltd.	Data General MV/32 20000-2	Same as Host
MacII Systems, Version 4.1	,		TLD MV/MV Ada	(under AOS/VS II, Version	
(BASE			Compiler System,	2.03)	
#91072111.11194)			Version 2.9.0		
			(#920319W1.11238)		
TeleSoft	MicroVAX 3800 (under VMS	MIL-STD-1750AECSPO ITS RAID			
TeleGen2 Ada	Version 5.4)	Simulator, Version 6.0 (bare	TLD Systems, Ltd.	Sun-4/75 (under SunOS,	Honeywell Program
Development System		machine simulation,	TLD	Version 4.1.1)	Development Unit (PDU) with
for VAX to 1750A,		executing on the Host)	Sun-4/MIL-STD-175		Honeywell Generic VHSIC
Version 3.25			0A Ada Compiler		Spaceborne Computer (GVSC)
(#91102811.11229)			System, Version		MIL-STD-1750A(bare machine, using TLDrtx Real Time
Tele Soft	14: 1/1×2800/ 1 1/1/46	1 . 1 FW1 0 / 0 1/C 1/H / CO / O	2.9.0		Executive, Version 1.0.0)
TeleGen2Ada	MicroVAX 3800 (under VMS Version 5.4)	Intel EXV 960 MC-MIL (i960	(#920319W1.11239)		Executive, version 1.0.0)
Compilation	version 3.4)	XA) (bare machine, using Hughes O.S. Ada RTS	TLD Systems, Ltd.	Sun-4/75 (under SunOS,	TLD MIL-STD-1750AMultiple
System for VAX to		interface)	TLD	Version 4.1.1)	Processor Simulator (bare
80960, Version 4.1		ine roce,	Sun-4/MIL-STD-175	7.5.5.	machine simulation, using
(#91121311.11235)			0A Ada Compiler		TLDrtx Real Time Executive,
,			System, Version 2.9.0		Version 1.0.0, and executing
TeleSoft	Sun-4/690 (under SunOS	Integrated Device Technology	(#920319W1.11240)		on the Host)
TeleGen2 Ada	Release 4.1.2)	IDT7RS301System	,		
Cross Development		(R3000/R3010)(bare machine)	TLD Systems, Ltd.	18M RISC System 6000, Model	TLDmps MIL-STD-1750A
System Version 4.1.1			TLD	530 (under AIX, Version	Multiple Processor Simulator
for SUN-4 to eMIPS			RISC6000/MIL-STD-	3.1)	(bare machine simulation,
(#92102911.11295)			1750A Ada		using TLDrtx Real Time
			Compiler System,		Executive, Version 1.0.0,
TeleSoft	Sun-4/690 (under SunOS	CVME962 System (i960XA board	Version 2.9.0		and executing on the Host)
TeleGen2(tm)Ada	Release 4.1.2)	with MC Processor) (bare	(#920319W1.11241)		
Cross Development		machine)	and to 1		
System for Sun-4 to			*Validated by Registration	1814 9180 5 4000	IBM User Console with IBM
1960, Version 4.1.1			TLD Systems, Ltd.	IBM RISC System 6000 series (under AIX, Version 3.1)	Generic VHSIC Spaceborne
(#92121811.11303)			TLD RISC6000/MIL-STD-	(under AIA, Yersion 3.1)	Computer (bare machine,
TeleSoft	Sun-4/690 (under SunOS	Motorola MVME1475-1	1750A Ada Compiler		using TLDrtx Real Time
TeleGen2(tm) Ada	Release 4.1.2)	(68030/68882)(bare machine)	System, Version 2.9.0		Execution, Version 1.0.0)
Cross Development		(55050) 55002 Abdie indenne)	(BASE		,
System for Sun-4			#920319W1.11241)		
to e68k, Version 4.1c			,		
IO 600K' A 612 IOH 4' I C					

VENDOR, COMPILE & CERTIFICATE &		TARGET	VENDOR, COMPILE		TARGET
G CENTIFICATE	MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	MACHINE & (OS)	MACHINE & (OS)
1D S 1:1	VIV 2522			VAN 11 /705 : 1	
LD Systems, Ltd. LD	MicroVAX 3500 (under VMS, Version 5.1)	TLD MIL-STD-1750AMultiple Processor Simulator (bare		VAX-11/785 (under VMS Version 5.3)	Same as Host
AXMIL-STD-1750A	version 3.1)	machine simulation, using	AdaVAX, Version 5.0 (/NO OPTIMIZE)	version 3.3)	
da Compiler		TLDrtx Real Time Executive,	(#910517S1,11165)		
ystem, Version 2.9.0		Version 1.0.0, and executing	(#71031731.11103)		
#920319W1.11242)		on the Host)	U.S. NAVY	VAX 8550 (under VMS Version	AN/UYK-43 (single cpu) (bare
		,		5.3)	machine)
alidated by Registration			4.0 (/OPTIMIZE)		
LD Systems, Ltd.	DEC VAX-11, VAXserver.	IBM User Console with IBM	(#910626S1.11172)		
LD	VAXstation, MicroVAX, VAX	Generic VHSIC Spaceborne			
AX/MIL-STD-1750A	4000, VAX 6000, VAX 8000, &	Computer (bare machine,		VAX 8550 (under VMS Version	AN/UYK-43 (EMR) (bare
da Compiler	VAX 9000 Series of	using TLDrtx Real Time		5.3)	machine)
stem, Version 2.9.0 ASE	computers (under VMS 5.4)	Execution, Version 1.0.0)	4.0 (/OPTIMIZE)		
920319W1.11242)			(#91062651.11173)		
72031711111242)			U.S. NAVY	VAX 8550 (under VMS Version	AN/UYK-44 (EMR) (bare
D Systems, Ud.	HP 9000/350(under HP-UX,	TLDmps MIL-STD-1750A		5.3)	machine)
D HP	Version 7.0)	Multiple Processor Simulator	4.0 (/OPTIMIZE)	3.5,	5,
000/MIL-STD-1750	,	(bare machine simulation,	(#910626S1.11174)		
Ada Compiler		using TLDrtx Real Time	,		
stem, Version 2.9.0		Executive, Version 1.0.0,	U.S. NAVY	VAX 8550 (under VMS Version	AN/AYK-14 (bare machine)
920319W1.11243)		and executing on the Host)		5.3)	
		·	4.0 (/OPTIMIZE)		
D Systems, Ltd.	VAXstation 4000 Model 60	TLD MIL-STD-1750AMultiple	(#91062651.11175)		
D Comanche	(under VMS 5.5)	Processor Simulator			
X/MIL-STD-1750A		(TLDmps), executing on the		VAX-11/785 (under VMS	AN/UYK-43 (single cpu) (bare
la Compiler		Host (bare machine		Version 5.3)	machine)
stem, Version		simulation, using TLD Real	4.0 (/OPTIMIZE)		
.4.C		Time Executive (TLDrfx),	(#910626S1.11176)		
931012W1.11329)		3.4.C)	U.S. NAVY	VAX-11/785 (under VMS	AN/UYK-43 (EMR) (bare
D Systems, Ltd.	DEC Local Area Network VAX	Tronix JIAWG Execution		Version 5.3)	machine)
	Cluster (comprising 2	Vehicle (i960MX) (bare	4.0 (/OPTIMIZE)	Version 3.3)	macinite)
	MicroVAX 3100 Model 90	machine using TLD Real Time	(#910626S1.11177)		
ompiler System,	machines) (under VMS 5.5)	Executive (TLDrtx), (Domain	(**************************************		
ersion 4.1.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Configuration), Version	U.S. NAVY	VAX-11/785 (under VMS	AN/UYK-44 (EMR) (bare
940305W1.11335)		4.1.1)		Version 5.3)	machine)
			4.0 (/OPTIMIZE)		
	VAXstation 3100 (under VMS	Air Force RAID MIL-STD-1750A	(#910626\$1.11178)		
	Version 5.3)	simulator (bare machine			
ompiler, Version 1.0		simulation, executing on the		VAX-11/785 (under VMS	AN/AYK-14 (bare machine)
910425W1.11142)		Host)		Version 5.3)	
			4.0 (/OPTIMIZE)		
alidated by Registration S. Air Force	DEC VAXstation 3100 (under	Air Force RAID MIL-STD-1750A	(#91062651.11179)		
	VMS Version 5.4)	simulator (bare machine	U.S. NAVY	VAXstation 4000 (under VMS	Same as Host
ompiler, Version 1.1	VIVID VEISION 3.4)	simulation, executing on the		Version 5.5)	Same as rices
ASE		Host)	5.5 (/OPTIMIZE)	. 5.5161. 5.57	
910425W1.11142)			(#920918S1.11270)		
			, , , , , , , , , , , , , , , , , , , ,		
S. Air Force	VAXstation 3100 (under VMS	Air Force RAID MIL-STD-1750A	U.S. NAVY	VAXstation 4000 (under VMS	Same as Host
	Version 5.3)	simulator (bare machine	AdaVAX, Version	Version 5.5)	
la Compiler,		simulation, executing on the	5.5 (/NO_OPTIMIZE)		
rsion 1.0		Host)	(#92091851.11271)		
910425W1.11143)					
6.4 (0.4)				VAX Cluster (comprising VAX	Enhanced Processor (EP)
alidated by Registration	DEC 1/4V	A. F. BAID OF STREET		8550, 8600, & 8650	AN/UYK-44 (bare machine)
	DEC VAXstation 3100 (under	Air Force RAID MIL-STD-1750A		machines) (under VMS	
	VMS Version 5.4)	simulator (bare machine	(#92091851.11272)	Version 5.3)	
da Compiler,		simulation, executing on the	II C MANO	VAY Charles I VAY	VHSIC Processor Module (VP)
ASE		Host)		VAX Cluster (comprising VAX 8550, 8600, & 8650	AN/AYK-14 (bare machine)
910425W1.11143)				machines) (under VMS	CANCIN-14 foote mocinie
				Version 5.3)	
S. NAVY	VAX 8600 (under VMS Version	Same as Host	,-,,		
	5.3)		U.S. NAVY	VAX Cluster (comprising VAX	Enhanced Processor (EP)
O (/OPTIMIZE)				8550, 8600, & 8650	AN/UYK-44 (bare machine)
910517\$1.11162)				machines) (under VMS	
			(#92091851.11274)	Version 5.3)	
S. NAVY	VAX 8600 (under VMS Version	Same as Host			
	5.3)			VAX Cluster (comprising VAX	VHSIC Processor Module (VPI
LANO OPTIMIZE				8550, 8600, & 8650	AN/AYK-14 (bare machine)
-				machines) (under VMS	
-			(#920918\$1.11275)	Version 5.3)	
910517\$1.11163)			(\$72071031.11273)	1 4131011 3.5)	
91051751.11163) S. NAVY	VAX-11/785 (under VMS	Same as Host			
910517S1.11163) S. NAVY daVAX, Version	VAX-11/785 (under VMS Version 5.3)	Same as Host	UNISYS	UNISYS 2200/600 (under	Same as Host
		Same as Host	UNISYS		Same as Host

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
*Validated by Registration UNISYS	UNISYS 1100/90,2200/100,	Any Host	Verdix Corporation VADS Sun3 SunOS, VAda-110-1313,	Sun 3/280 (under SunOS 4.0)	Same as Host
Corporation UCS Ada, Version 1R1 (BASE	/200, /400, /600, & /900 (under OS 1100, Versions 43R2 & 43R3, as supported)		Version 6.0 (#900510W1.11003)		
#910510S1.11161)			"Validated by Pagetration		
Verdix Corporation	DECstation 3100 (under	Same as Host	*Validated by Registration Verdix	Sun-3/50, /60, /80, /150,	Any Host machine (under same
VAda-110-6161,	ULTRIX 3.1)			/160, /260, /280, /470 &	OS version)
Version 6.0.2 (#900228₩1.11001)			VAda-110-1313,	/480 (under SunOS 4.0 & 4.1)	
eV-list-as d by Posistanting			Version 6.0 (BASE		
*Validated by Registration Verdix Corporation	DECstation 2100, 5000;	Any Host	#900510W1.11003)		
VAda-110-6161,	DECsystem 5400, 5810, 5820,	,			
Version 6.0.2	5830, 5840 (under ULTRIX		·	I8M PS/2 Model 80 (under	Intel iSBC 386/12 (bare
(BASE #900228W1.11001)	3.1)		VADS IBM PS/2 AIX => Intel 80386,	AIX 1.1)	machine)
· ·			VAda-110-35315,		
*Validated by Registration			Version 6.0		
Verdix Corporation VADS DEC-RISC,	DECstation 2100, 3100, 5000 & 5200; and DECsystem 3100,	Any Host	(#900510W1.11004)		
Ultrix 4.0,	5000, 5100, 5200, 5400,		Verdix Corporation	18M PS/2 Model 80 (under	Motorola MVME133A-20
VAda-110-6161,	5500, 5810, 5820, 5830 &		VADS IBM PS/2 AIX =>	AIX 1.1)	(MC68020) (bare machine)
Version 6.0	5840 (under ULTRIX 4.0)		68K, VAda-110-35125,		
(BASE #900228W1.11001)			Version 6.0 (#900510W1,11005)		
			Vdia C	Sun 4/280 (under SunOS 4.0)	Same as Host
*Validated by Registration	DECstation 2100, 3100, 5000	Any Host	Verdix Corporation VADS Sun-4 SunOS,	3011 4/280 (011der 301103 4.0)	Same as Trosi
Verdix Corporation	& 5200; and DECsystem 3100,	Auty Fical	VAda-110-4040,		
VADS DEC-RISC,	5000, 5100, 5200, 5400,		Version 6.0		
Ultrix 4.1,	5500, 5810, 5820, 5830 &	•	(#900510W1.11006)		
VAda-110-6161,	5840 (under ULTRIX 4.1)				
Version 6.0			*Validated by Registration	5	A - 14A
(BASE			Verdix Corporation	Sun-4/20, /65, /110, /150 & /260; SPARCserver 310, 330,	Any Host
#900228W1.11001)			VAda-110-4040,	370, 390, 470 & 490;	
*Validated by Registration			Version 6.0	SPARCstation SLC, 1, 1+, 2,	
Verdix Corporation	DECstation 2100, 3100, 5000 & 5200; DECsystem 3100,	Any Host	(8ASE #900510W1.11006)	310, 330 & 370; and SPARCengine 1 VME (under	
VADS DEC-RISC, Ultrix 4.2,	5000, 5100, 5200, 5400,		#70031011111000j	SunOS 4.1)	
VAda-110-6161,	5500, 5810, 5820, 5830 &			•	
Version 6.0	5840 (under Ultrix 4.2)		Verdix Corporation	Sun 3/280 (under SunOS 4.0)	Motoroka MVME1 47 (MC68030)
(BASE			VADS Sun3 SunOS =>	(bare machine)	
#900228W1.11001)			68K, VAda-110-13125, Version 6.0		
*Validated by Registration			(#900510W1.11007)		
Verdix	Digitial Equipment Corp.	Any Host			
Corporation	DECstation & DECsystem		*Validated by Registration		C 1 CONF 44 CONF 44 !
VADS DEC-RISC,	series of MIPS-based		Verdix	Sun-3/50,/60,/80,/150,	Cyclone CVME 44, CVME 46 & CVME 48: Force CPU 21, CPU
VAda-110-6161, Versons 6.0,	computers (under ULTRIX		Corporation VADS Sun3 SunOS	/160, /260, /280, /470 & /480 (under SunOS 4.0 &	29, CPU 30, CPU 31, CPU 32,
6.1, & 6.2	3.1, 4.0, 4.1, 4.2, & 4.3)		=> 68K,	4.1)	CPU 37 & Golden Triangle
(BASE			VAda-110-13125,	,	Firepower; Heurikon HK68/V30
#900228W1.11001)			Version 6.0		Series, V2E Series & V2F
			(8ASE		Series; Integrated Solutions VME68K20, VME68K30, VME682258
Verdix Corporation	VAXsystem 3100 (under	Same as Host	#900510W1.11007)		Liberator SBC; Matrix MS-CPU220 &
VAda-110-0202, Version 6.0	ULTRIX 3.1)				MS-CPU320; Mizar MZ7120, MZ712
(#900228W1.11002)					MZ7124, MZ7130, MZ8120&
					MZ8130; Sun Microsystems 3E Board Set; Motorola MVME147 Series &
*Validated by Registration	DEC VAY 11 MinorVAY	Any Host			MVME141 (MC68030), MVME133
Verdix Corporation VAda-110-0202,	DEC VAX-11, MicroVAX, VAXserver, VAXstation, VAX	Any Host			Series, MVME134, MVME135 &
Version 6.0	6000, VAX 8000 & VAX 9000				MVME136 (MC68020), MVME-110,
(BASE	series (under ULTRIX 4.0)				MVME-165 & MVME-167; Tadpole
#900228W1.11002)					TP32V & TP33M (bare machines)
*Validated by Registration			Verdix Corporation	IBM RISC System/6000 Model	Same as Host
Verdix	DEC VAX-11, VAXserver,	Any Host	VADS IBM RISC	530 (under AIX 3.1)	
Corporation	VAXstation, MicroVAX, VAX		System/6000, AIX 3.1,	0	
VAda-110-0202,	6000, VAX 8000 & VAX 9000		VAda-110-7171, Version 6 (#900726W1,11017)	···	
Version 6.0 (BASE	Series of computers (under ULTRIX 4.2)		(#700/201111101/)		
garrened to	TIE				

/ENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
Validated by Registration (erdix Corporation (ADS IBM RISC vistem/6000, AIX 3.1, (Ada-110-7171, Version 6 BASE 4900726W1.11017)	IBM RISC System/6000 Models 320, 520, 540, 730 & 930 (under AIX 3.1)	Any Hast	*Validated by Registration Verdix Corporation VADS VAX/VMS => 68K, VMS 5.2, VAda-110-03125, Version 6.0 (BASE	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.2)	Cyclone CVME 44, CVME 46 48; Force CPU 21, CPU 29, CPU 31, CPU 32, CPU 37 & Trangle Firepower; Heurikon HK68/V30 Series, V2E Series; Integrated Solutions VME68K20, VME68K30, VME
Corporation ADS IBM RISC ystem/6000,AIX 3.1,	IBM RISC System/6000 Models 220, 320, 320H, 340, 350, 520, 520H, 530H, 540, 550, 560, 730, 930, & 950 (under AIX 3.2)	Any Host	#900726W1.11021)		Liberator SBC; Matrix MS-CP MS-CPU320; Mizar MZ7120 MZ7124, MZ7130, MZ8120 MZ8130; Sun Microarstems Set; Motorola MVME147 Sen MVME141 (MC68030), MVN Series, MVME134, MVME13 MVME136 (MC68020), MVN MVME167; Tadpole TP32V8 (bare machines)
Corporation ADS IBM RISC System 6000, VAda-110-7171, ersions 6.0, 6.1, & 6.2	IM8 RISC System/6000 series of computers (under AIX 3.1 & 3.2)	Any Host	Verdix Corporation VADS VAX/VMS = > Intel 386, VMS 5.2, VAdo-110-03315, Version 6.0 (#900726W1.11022)	MicroVAX 3100 (under VAX/VMS V5.2)	Intel iSBC 386/32 (bare machine)
BASE 900726W1.11017) erdix Corporation ADS HP 9000/300,HP-UX .0, VAda-110-1515, ersion 6.0 #900726W1.11018)	HP 9000/350(under HP-UX	Same as Host 7.0)	*Validated by Registration Verdix Corporation VADS VAX/VMS = > Intel 386, VMS 5.3, VAda-110-03315, Version 6.0 (BASE #900726W1.11022)	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)	Intel iSBC 386/32 (bare machine)
ADS HP 9000/300, IP-UX 7.0, Ada-110-1515, ersion 6.0 BASE	HP 9000 Series 300 Models 310, 320, 330, 340, 350, 360 & 370 (under HP-UX 7.0)	Any Host	Verdix Corporation VADS VAX/Ultrix = > 68k, Ultrix 3.1, VAda-110-02125, Version 6.0 (#900726W1.11023)	MicroVAX 3100 (under Ultrix 3.1)	Tektronix MV System, MV 68020 Support System, usin TekD8 Version 5.0.2 emulation software (bare machine simulation)
•	Prime EXL/320 (under UNIX System V/386 3.2)	Same as Host	*Validated by Registration Verdix Corporation VADS VAX/ULTRIX => 68K, ULTRIX 3.1,	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under Ultrix 3.1)	Cyclone CVME 44, CVME 4 CVME 48; Force CPU 21, C 29, CPU 30, CPU 31, CPU CPU 37 & Golden Triangle Firepower; Heurikon HK68/
· ·	MicroVAX 3100 (under VAX/VMS V5.2)	Same as Host	VAda-110-02125, Version 6.0 (8ASE #900726W1.11023)	•	Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VM & Liberator S8C; Matrix MS- MS-CPU320; Mizor MZ712 MZ7124, MZ7130, MZ8120 MZ8130; Sun Microsystems
orporation ADS VAX/VMS 5.3, Ada-110-0303,	DEC VAX-11, VAXserver, VAXstothon, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)	Any Host			Set; Motorola MVME1 47 Se MVME1 41 (MC68030), MVI Series, MVME1 34 & MVME1 (MC68020); Tadpole TP32V (bare machines); Tektronus IV MV 68020 Support System is Version 5.0.2 emulation soft machine simulation)
Validated by Registration erdix Corporation ADS VAX/VMS 5.2, Ada-110-0303,	DEC VAX-11, MicroVAX, VAXeerver, VAXstation, and VAX 6000, 8000, & 9000 series of computers (under VMS 5.0, 5.2, & 5.3)	Any Host	"Validated by Registration Verdix Corporation VADS VAX/ULTRIX=>68K, ULTRIX 3.1, VAda-110-02125, Version 6.0 (8ASE #900726W1.11023)	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under Ultrux 4.0, 4.1, & 4.2)	Cyclone CVME 48; Force CI CPU 29, CPU 30, CPU 31, CPU 37; Heurikon HK68/VI HK68/V30 Series, & HK68/VI Matrix MS-CPU220, MS-CP MS-CPU330; Mizar MZ712 MZ7130, MZ8120, & MZ81 Motorola MYME133 Series, MVME135 & MVME147 Ser
erdix Corporation ADS VAX/VMS = > 68k, MS 5.2, VAda-110-03125	MicroVAX 3100 (under VAX/VMS V5.2)	Motorola MVME147 (MC68030) (bare machine)	770072011.11023)		CPU-2A; S&E VCOM-24; Tc TP32V; and Tektronix MV Sy 68020 Support System using Version 5.0.2 emulation soft machine simulation) (bare m

VENDOR, COMPILI		TARGET	VENDOR, COMPILE		TARGET
& CERTIFICATE #	# MACHINE & (OS)	MACHINE & (OS)	& CERTIFICATE	# MACHINE & (OS)	MACHINE & (OS)
Verdix Corporation VADS DEC-RISK = > 68k, Ultrix 3.1,	DECstation 3100 (under Ultrix 3.1)	Motorola MVME147 (MCo8030) (bare machine)	*Validated by Registration Verdix Corporation	IBM RISC System/6000 series of computers (under AIX 3.1	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32,
VAda-110-61125, Version 6.0 (#900726W1.11024)			VADS 18M RISC System/6000 => 68K, VAda-110-71125, Versions 6.0,	& 3.2)	CPU 37; Heurikon HK68/V2Fb Series HK68/V30 Senes, & HK68/V3E Series Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ712
*Validated by Registration Verdix Corporation VADS DEC-RISC => 68K, Ultrix 4.0,	DECstation 2100, 3100, 5000 & 5200; and DECsystem 3100, 5000, 5100, 5200, 5400, 5500, 5810, 5820, 5830 &	Cyclone CYME 44, CYME 46 & CYME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30	6.1, & 6.2 (8ASE #900726W1.11025)		MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME13 MVME135, & MVME147 Series; Radstone CPU-24; at Tadpole TP32V (bare machine)
VAda-110-o1125, Version 6.0 (8ASE #900726W1,11024)	5840 (under ULTRIX 4.0)	Series, V2E Series & V2F Series; Integrated Solutions VMEo8K20, VMEo8K30, VME68225 & Liberator S8C; Matrix MS-CPU220, MS-CPU320;	Verdix Corporation VADS I8M RISC	IBM RISC System/6000 Model 530 (under AIX 3.1)	Intel iS8C 386/116(bare machine)
		Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120 & MZ8130; Sun Microsystems 3E 8oard Set; Motorola MVME147 Series (MC68030), MVME133	System/6000 => 386,AIX 3.1, VAda-110-71315, Version 6.0 (#900726W1.11026)		
		Series, MVME134, MVME135 (MCo8020); Tadpole TP32V & TP33M (bare machines)	*Validated by Registration Verdix	I8M RISC System/6000 Models	Intel iSBC 386/116(bare
Validated by Registration Verdix Corporation	Digital Equipment Corp. DECstation & DECsystem	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31,	Corporation VADS IBM RISC System/6000 == >386,AIX 3.1, VAda-110-71315,	320, 520, 540, 730 & 930 (under AIX 3.1)	machine)
VADS DEC-RISC = > 68K, Ultrix 3.1, VAda-110-61125,	series of MIPS-based computers (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)	CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, & HK68/V3E Series; Matrix MS-CPU220, MD-CPU320,	Version 6.0 (8ASE #900726W1.11026)		
Versions 6.0, 6.1, 6.2 (BASE #900726W1.11024)		& MD-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, &	*Validated by Registration Verdix Corporation VADS IBM RISC	IBM RISC System/6000 Models 220, 320, 320H, 340, 350, 520, 520H, 530H, 540, 550,	Intel iSBC 486/125(bare machine)
		MVME147 Series; Radstone CPU-2A; SBE VCOM-24; and Tadpole TP32V (bare machines)	System/6000 => 386, AIX 3.1, VAda-110-71315, Version 6.0	560, 730, 930, & 950 (under AIX 3.2)	
Verdix Corporation VADS I8M RISC System/6000=>68k,AIX	IBM RISC System/6000 Model 530 (under AIX 3.1)	Motorola MVME147 (MC68030) (bare machine)	(BASE #900726W1.11026) *Validated by Registration		
3.1, VAda-110-71125, Version 6.0 (#900726W1.11025)			Verdix Corporation VADS Sun4 => 68K, SunOS 4.0,	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30
Validated by Registration Verdix Corporation VADS 18M RISC	I8M RISC System/6000 Models 320, 520, 540, 730 & 930 (under AIX 3.1)	Cyclone CVME 44, CVME 46 & CVME48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32,	VAda-110-40125, Version 6.0 & 6.2 (BASE #900726W1.11097)	SuitO5 4.0, 4.1, & 4.2)	Marix MS-CPU220, MD-CPU320, MD-CPU320, MD-CPU320, MZ0124, MZ7124, MZ7130, MZ8120, &
System/6000 = > 68K, AIX 3.1, VAda-110-71125, Version 6.0	(Sidel XIX 3.1)	CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions	7,00,25,111,107,1		MZ8130; Motorola MVME133 Series MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; S8E VCOM-24; and Tadpole TP32V
(BASE #900726W1.11025)		VME68K20, VME68K30, VME68225 & Liberator S8C; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122,	Verdix Corporation	MicroVAX 3100 (under VMS Version 5.2)	Intel iS8C 386/116 using a WEITEK 3167 fpu (bare
		MZ7124, MZ7130, MZ8120 & MZ8130; Sun Microsystems 3E 8oard Set; Motorola MVME133 Series, MVME134, MVME135 & MVME147 Series; and Tadpole TP32V	VADS VAX/VMS 5.2 => Intel 80386/WEITEK 3167, VAda-110-03315, Version 6.0		machine)
*Validated by Registration		& TP33M (bare machines)	(#901129W1.11094) *Validated by Registration		
Verdix Corporation VADS VAXVMS=>68K, VAda-110-03125, Versions 6.0 & 6.2	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, VAX 9000 Series of computers (under VAS 5.0, 5.2, & 5.3)	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, & HK68/V3E Series; Maltrix MS-CPU220, MS-CPU320, &MS-CPU330 Mizar MZ7122,	Verdix Corporation VADS VAXVMS 5.3 => Intel 80386/WEITEK3167, VAda-110-03315, Version 6.0	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)	Intel ISBC 386/116 using a WEITEK 3167 fpu (bare machine)
(8ASE #900726W1.11025)		MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; S8E VCOM-24;	(8ASE #901129W1.11094)	intel 302 System (under	Same as Host
		and Tadpole TP32V (bare machine)	Verbit Corporation VADS UNIX System V/386, Rel. 4, VAda-110-3232, Version 6.0 (#901129W1.11095)		

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
Rel. 4, VAda-110-3232, Version 6.0	NCR 3000, 3320, 3335, 3345, 3445, 3447, 3450, & 3550 (under UNIX System V/480, Release 4)	Any Host	Verdix Corporation VADS Sun-4 => Sun-3, Sun OS 4.0, VAda-110-4013, Version 6.0 (#901129W1.11098)	Sun-4/260 (under SunOS 4.0)	Sun-3/260 (under SunOS 4.0)
(8ASE #901129W1.11095) Validated by Registration Verdix Corporation VADS UNIX System V/486, Rel.4, Version 6.0	NCR 3000, 3320, 3335, 3345, 3445, 3447, 3450, & 3550 (under NCR UNIX System V, Release 4.0); AST Premium 486/33 (under UNIX System V/440.8)	Any Host	*Validated by Registration Verdix Corporation VADS Sun-4 => Sun-3, Sun OS 4.0, VAda-110-4013, Version 6.0 (8ASE #901129W1.11098)	Sun-4/20, /65, /110, /150, /260 & /280; SPARCserver 330, 370, 390, 470 & 490; SPARCstation SLC, 1, 1+, 2, 330 & 370; and SPARCengine 1 VME (under SunOS 4.1)	Sun-3/50, /60, /80, /150, /160, /260, /280, /470 & /480 (under SunOS 4.1)
BASE #901129W1,11095) Validated by Registration Verdix Corporation VADS UNIX System	V/486, Release 4.0) Any computer that executes the Intel 80386 or 80486	Same as Host	Verdix Corporation VADS AT&T 382/600G UNIX System V, Release 3.2.2, VAda-110-5151, Version 6.0 (#901129W1.11099)	AT&T 3B2/600G (under UNIX System V, Release 3.2.2)	Same as Host
//386/486, /Ada-110-3232, /ersions 6.0, 5.1, & 6.2 8ASE #901129W1.11095)	instruction set (under NCR UNIX System V Release 4.0, UNIX System V/486 Release 4.0, 486 Sunsoft Interactive UNIX Release 4.0, 486 Interactive UNIX Release 3.01R3.2)		Verdix Corporation VADS HP-9000/300 = > 68K, HP-UX 7.0, VAda-110-15125, Version 6.0 (#901129W1.11100)	HP 9000 Model 350 (under HP-UX 7.0)	Motorola MVME133A (68020 (bare machine)
/erdix Corporation /ADS Sequent /ADS Sequent /ABIANCE DYNIX V3.0, /Ada-110-2323, /ersion 6.0 #901129W1.11096)	Sequent 8alance 8000 (under DYNIX Verзюп 3.0)	Same as Host	*Validated by Registration Verdix Corporation VADS HP-9000/300 => 68K, HP-UX 7.0,	HP 9000 Series 300 Models 310, 320, 330, 340, 350, 360 & 370 (under HP-UX 7.0)	Cyclone CVME 44, CVME 46 CVME 48; Force CPU 21, CP 29, CPU 30, CPU 31, CPU 3 CPU 37 & Golden Triangle Firepower; Heurikon HK68/3
/erdix Corporation /ADS Sun4 => 68K, Sun DS 4.0. VAda-110-40125, /ersion 6.0 #901129W1.11097)	Sun-4/260 (under SunOS 4.0) (bare machine)	Motorola MVME147 (68030)	VAda-110-15125, Version 6.0 (BASE #901129W1.11100)		Series, V2E Series & V2F Series; Integrated Solutions VME 68K20, VME 68K30, VMI & Liberator SBC; Matrix MS- MS-CPU320; Mizar MZ7120 MZ7124, MZ7130, MZ8120
Validated by Registration erdix Corporation ADS Sun4 => 68K, un OS 4.0, Ada-110-40125, ersion 6.0	Sun-4/20, /65, /110 & /150; SPARCserver 330, 370, 390, 470 & 490; SPARCstation SLC, 1, 1 +, 2, 330 & 370; and SPARCengine 1 VME (under SunOS 4.1)	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20,			MZ8130; Sun Microsystems Set; Motorola MYME147 Set (MC68030), MYME135 Set MYME134 & MYME135 (MC Tadpole TP32V & TP33M (ba machines)
ASE 901129W1.11097)		VME68K30, VME68225 & Liberator SBC; Matrix M5-CPU220, M5-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130; Sun Microxystems 3E Board Set; Motorola MVME110 (MC68000), MVME133 Series, MVME134, MVME135, MVME136 (MC68020), MVME147 Series & MVME141 (MC68030), MVME-165, MVME-167 (MC68040); Tadpole TP32V,	*Validated by Registration Verdix Corporation VADS HP-9000/300 => 68K, VAda-110-15125, Version 6.0 (8ASE Motorola #901129W1.11100)	Hewlett-Packard HP 9000 Series 300 (under HP-UX 7.0 & 8.0)	Cyclone CVME 48; Force CF CPU 29, CPU 30, CPU 31, CPU 37; Heurikon HK68/V2 HK68/V30 Series, & HK68/W Matrix MS-CPU220, MS-CPU MS-CPU330; Mizar MZ712; MZ7130, MZ8120, & MZ81 MVME 133 Series, MVME134
/alidated by Registration	Sun Microsystems Sun-4,	TP33M (bare machines) Cyclone CVME 44, 46, & 48; Force			MVME135, & MVME147 Sei Radstone CPU-2A; S8E VCC Tadpole TP32V
orboration ADS Sun4 => 68K, In OS 4.1, Ada-110-40125, Insign 6.0 ASE 901129W1.11097)	SPARCserver, SPARCstation, & SPARCengine computer families (under SunOS 4.1)	CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37, & Golden Triangle Firepower; Heurikon HK68/YZE Series, YZF Series, & Y30 Series; Integrated Solutions VME68K20, 68K30, 68225, & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122,	Verdix Corporation VADS 8C5/88K, AViion DGUX 4.3, VAda-110-8080, Version 6.1 (#901129W1.11101)	Data General AViiON Model 5120 (under DG/UX 4.3)	Same as Host
		MZ7124, MZ7130, MZ8120, MZ8130, & CPU330; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Sun Microsystems 3E board set; and Tadpole Technology TP32V & TP33M (bare machines)	Validated by Registration Verdix Corporation VADS 8CS/88K, AViion DGUX 4.3, VAda-110-8080, Version 6.1 (8ASE #901129W1.11101)	DG AViiON Models 4000, 4000GHI, 4020, 4100, 4120, 5010, 5200, 5220, 5240, 5300, 5310, 5400, 5402, 5410, 5412, 6200 & 6220 (under DG/UX 4.3)	Any Host

VENDOR, COMPIL & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
Validated by Registration /erdix Corporation	Data General AViiON Models 4000, 4000GHI, 4020, 4100,	Any Host		DECstation 5000-200(under ULTRIX V4.0)	Lockheed Sanders STAR MVP (R3000) (bare machine)
ADS BCS/88K Viion DGUX 5.4, Ada-110-8080, ersion 6.1	4120, 5010, 5200, 5220, 5240, 5300, 5310, 5400, 5402, 5410, 5412, 6200 & 6220; MODCOMP Real Stor		R3000, VAda-110-61620, Version 6.1 (#910517W1.11150)		
ASE 901129W1.11101)	Family (under DG/UX 5.4)		Corporation	DEC DECstation & DECsystem computer families (under	Lockheed Sonders STAR MVP (R3000) (bore machine)
Validated by Registration (erdix Corporation (ADS BCS/88K, (Ada-110-8080, (ersion 6.1	MODCOMP Real Star Family (under REAL/IX C.0.2)	Any Host	VADS DEC-RISC => MIPS R3000, VAda-110-61620, Version 6.1 (BASE	ULTRIX 4.0)	
3ASE #901129W1.11101)			#910517W1.11150)		
Validated by Registration			*Validated by Registration Verdix	DECstation & DECsystem	Heurikon HKMIPS/V3500;LSI
Verdix Corporation VADS BCS/88K, VAda-110-8080, Version 6.1	Motorola 8000 Delta Series (MC88000), all models (under Unix System V/88, R32V3)	Any Hast	VADS DEC-RISC => MIPS R3000, VAda-110-61620, Version 6.1 & 6.2	(MIPS-based) computer families (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)	Logic LR33000/LR33050Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; and Pulsar 3000 (bare machines)
BASE ⊭901129W1.11101)			(BASE #910517W1.11150)		
Validated by Registration Verdix	Data General AViiON	Any Host	Verdix Corporation VADS VMS => MIPS	MicroVAX 3600 (under VMS V5.2)	Integrated Device Technology IDT7RS302(bare machine)
corporation ADS BCS/B8K, Viion DGUX 4.3, Ada-110-8080,	computer series (under DG/UX 4.3 & 5.4)		R3000, VAda-110-03620, Version 6.1 (#910517W1.11151)		
ersions 6.1 & 6.2 BASE 4901129W1.11101)			*Validated by Registration Verdix Corporation VADS VMS => MIPS R3000,	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000	Integrated Device Technology IDT7RS302 (bore machine)
ferdix Corporation (ADS Sun4 => SPARC, oun OS 4.1,	Sun-4/490 (under SunOS 4.1)	SPARCengine IE (bare machine)	VAda-110-03620, Version 6.1 (BASE #910517W1.11151)	Series of computers (under VMS 5.3)	
/Ada-110-40440, /ersion 6.0			*Validated by Registration		
#901129W1.11102)			Verdix Corporation	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX	Heurikon HKMIPS/V3500;LSI Logic LR33000/LR33050Pocke Rocket; any MIPS R2000-base
Validated by Registration /erdix Corporation /ADS Sun4 => SPARC,	Sun-4/20, /65, /110, /150 & /260; SPARCserver 330, 370, 390, 470 & 490; and	SPARCengine 1E (bare machine)	VADS VAX/VMS => MIPS R3000, VAda-110-03620, Versions 6.1 & 6.2	6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.0, 5.2, & 5.3)	& R3000-based computers; Omnibyte VR3000; and Puslar 3000 (bare machines)
Sun OS 4.1, /Ada-110-40440,	SPARCstation SLC, 1, 1+, 2, 330 & 370 (under SunOS 4.1)		(BASE #910517W1.11151)		
/ersion 6.0 BASE ⊭901129W1.11102)			Verdix Corporation	Sun 4/280 (under SunOS Release 4.0)	Motorola MVME165 (68040) (bare machine)
Validated by Registration Verdix	Sun Microsystem Sun-4,	SPARCengine 1E & Ironics	VAD\$ Sun-4 SunO\$ => 68k, VAda-110-40140, Version 6.0		
Corporation /ADS Sun4 = > SPARC,	SPARCstation, & SPARCserver computer families (under	IV-SPARC-33A. (bare machines)	(#910517W1.11152)		
iun OS4.1, (Ada-110-40440, (ersion 6.0 & 6.1	SunOS 4.0, 4.1, & 4.2)		*Validated by Registration Verdix Corporation	Sun Microsystems Sun-4, SPARCserver & SPARCstation	Motorola MVME165 (68040) (bare machine)
BASE #901129W1.11102)			VADS Sun4 SunOS => 68k, VAda-110-40140, Version 6.0	computer families (under	SunOS 4.1)
erdix Corporation (ADS Sun-3 SunOS =>	Sun 3/260 (under SunOS Release 4.0)	Motorola MVME165 (68040) (bare machine)	(BASE #910517W1.11152)		
.8k, VAda-110-13140, ersion 6.0 #910517W1.11149)			*Validated by Registration Verdix Corporation VADS Sun-4 SunOS	Sun Microsystems Sun-4, SPARCserver, & SPARCstation omputer families (under	DY 4 Systems SVME-144; Ford CPU-40 Series/Eagle 1; Motorola MVME165, MVME16
Validated by Registration /erdix Corporation /ADS Sun-3 SunOS => 68k, VAda-110-13140, /ersion 6.0	Sun Microsystems Sun-3 computer family (under SunOS 4.1)	Motoroka MVME 165 (MC68040) (bare machine)	= > 68040, VAda-110-40140, Versions 6.0 & 6.2 (BASE #910517W1.11152)	SunOS 4.0, 4.1, & 4.2)	MVME167A; PEP Modular Computer VM40; and Tadpol TP41V

& CERTIFICATE #	ER HOST MACHINE & (OS)	TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS
Verdix	DECstation 2100 (under	Motorola MVME181 (bare	*Validated by Registration		
Corporation	ULTRIX V4.0)	machine)	Verdix	Any computer that executes	Same as Host
VADS DEC-RISC =>			Corporation	the Intel 80386 or 80486	
88k, VAda-110-61680,			VADS UNIX System	instruction set (under SCO	
Version 6.1			V/486, SCO UNIX 3.2,	UNIX Release 3.2 running	
(#910517W1,111,			VAda-110-3232,	SecureWareCMW +/386 v2)	
*Validated by Passes			Version 6.0, 6.1, & 6.2		
*Validated by Registration Verdix	DEC DEC DEC		(BASE		
Corporation	DEC DECisiation & DECisystem	Motorola MVME181 (88000)	#910517W1.11155)		
VADS DEC-RISC =>	computer families (under	(bare machine)	V4-	Sun 4/280 (under SunOS	Ironics IV9001 board (AMD
88k, VAda-110-61680,	ULTRIX 4.0)		Verdix	Sun 4/280 (under SunOS	29000) (bare machine)
Version 6.1			Corporation VADS Sun-4 SunOS =>	4.0.3)	2 7000) (bare machine)
(8ASE			AMD 29K, 6.0		
#910517W1.11153)			VAda-110-40525,		
¥71031741.11133)					
Welialered by Decrease			Version 6.0		
*Validated by Registration	250 4.250		(#910517W1.11156)		
Verdix Corporation	DECstation & DECsystem	Hughes Realtime Embedded Ada			
	(MIPS-based) computer	Processor (REAP) (bare	*Validated by Registration		
VAda-110-61680,	families (under ULTRIX 3.1,	machine)	Verdix Corporation	Sun Microsystems Sun-4,	fronics IV9001 board (AMD
Versions 6.1 & 6.2	4.0, 4.1, 4.2, & 4.3)		VADS Sun4 SunOS	SPARCserver & SPARCstation	29000) (bare machine)
(BASE			=> AMD 29K,	computer families (under	
#910517W1.11153)			VAda-110-40525,	SunOS 4.1)	
			Version 6.0		
Verdix Corporation	Sun 4/20 (under SunOS	Motorola MVME147SA (bare	(8ASE		
VADSworks Sun4 => 68k,	4.1.1)	machine, using vxWorks 5.0)	#910517W1.11156)		
VAda-115-40800,					
Version 2.0			*Validated by Registration		
(#910517W1.11154)			Verdix Corporation	Sun Microsystems Sun-4,	froncs IV9001 board (AMD
			VADS IBM RISC	SPARCstation, & SPARCserver	29000) (bare machine)
"Validated by Registration			System/6000 = > 68K,	of compters (under SunOS	
Verdix	Sun Microsystems Sun-4,	Force CPU 21, CPU 29, CPU 30, CPU	VAda-110-71125,	4.0, 4.1, & 4.2)	
Corporation	SPARCserver & SPARCstation	31, CPU 32, CPU 33, CPU 37, &	Versions 6.0, 6.1, & 6.2	•	
VADSworks Sun4 =>	computer families (under	Golden Triangle Firepower; General	(BASE		
68k,	SunOS 4.1)	Micro Systems GMSV17 & GMSV37;	#910517W1.11156)		
VAda-115-40800,	,	Heurikon HK68/V20, /V2E, /V2F,			
Version 2.0		/Y2FA, /Y30, /Y30XE, /Y3E, & /Y3F;	*Validated by Registration		
(BASE		Ironics IV-3201a, 3204a, 3220, 3230;	Verdix Corporation	Sun Microsystems Sun-4,	Ironics IV9001 board (AMD
#910517W1.11154)		Matrix MS-CPU320; Mizar MZ7122 &	VADS Sun-4 SunOS =>	SPARCstation, & SPARCserver	29000) (bare machine)
¥71031711111134)			AMD 29K,	series of computers (under	27000)(bare macimie)
		MZ7124; Motorola MVME133 Series,			
		MVME135, MVME135A, MVME141,	VAda-110-40525,	SunQS 4.0, 4.1, & 4.2)	
		MVME143, & MVME147; Radstone PME	Versions 6.0, 6.1, & 6.2		
		68-25 & 68-31; S8E VLAN-e & VPU30;	(BASE		
		Sun Microsystems 3E; and Tadpole	#910517W1.11156)		
		Technology TP32V-4MB (bare machines,			
		using vxWorks 5.0)	Verdix Corporation	Intel 402 (under SCO UNIX	Same as Host
			VADS UNIX System	3.2v2.e)	
Verdix	Zenith Z-486/25E (under SCO	Same as Host	V/486, SCO UNIX 3.2,		
Corporation	UNIX 1386 release 3.2)		VAda-110-3232,		
VADS UNIX System			Version 6.1	`	
V/486, SCO UNIX 3.2,			(#910517W1.11157)		
VAda-110-3232,					
Version 6.0			*Validated by Registration		
(#010517W1 11156)			Verdix	Any Computer System	Same as Host
(#910517W1.11155)					
(#910517W1.11155)			Corporation	Comprising: cpu: any that	
*Validated by Registration			Corporation VADS 386/486	Comprising: cpu: any that executes the Intel	
	Zenith Z-486/33E (under SCO	Same as Host	•	executes the Intel	
*Validated by Registration Verdix	Zenith Z-486/33E (under SCO UNIX i386 release 3.2)	Same as Host	VADS 386/486 System V, Rel. 3.2,	executes the Intel 80386/i486instruction set	
*Validated by Registration Verdix Corporation		Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232,	executes the Intel 80386/i486instruction set (under Any operating system	
*Validated by Registration Verdix Corporation VADS UNIX System		Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System	
*Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2,		Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE	executes the Intel 80386/i486instruction set (under Any operating system	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232,		Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0		Same as Host	VADS 386/486 System V, Rel. 3.2, VAdo-110-3232, Version 6.1 (8ASE #910517W1.11157)	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE		Same as Host	VADS 386/486 System V, Rel. 3.2, VAdo-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2)	Same or Heat
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0		Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes	Same as Host
*Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155)		Same as Hast	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155)	UNIX i386 release 3.2)		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2,	executes the Intel 80386/486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486)	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix	UNIX i386 release 3.2) Any Computer System	Same as Host	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232,	executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1,	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation	UNIX i386 release 3.2) Any Computer System Comprising: cpu: any that		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2	executes the Intel 80386/4486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486	UNIX i386 release 3.2) Any Computer System Comprising: cpu: any that executes the Intel		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2,	UNIX i386 release 3.2) Any Computer System Comprising: cpu: any that executes the Intel 80386/i486instruction set		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2	executes the Intel 80386/4486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release	Same as Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232,	Any Computer System Comprising: cpu: any that executes the Intel 80386/i486instruction set (under Any operating system		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE #910517W1.11157)	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486	Same as Host
*Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) *Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232,	Any Computer System Comprising: cpu: any that executes the Intel 80386/1486 instruction set (under Any operating system compatible with Unix System		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE #910517W1.11157) *Validated by Registration	executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0)	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0	Any Computer System Comprising: cpu: any that executes the Intel 80386/i486instruction set (under Any operating system		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation	executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0) Hewlett-Packard HP 9000	Same as Host Any Host
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0	Any Computer System Comprising: cpu: any that executes the Intel 80386/1486 instruction set (under Any operating system compatible with Unix System		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (BASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS HP 9000/300,	executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0)	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0 (BASE	Any Computer System Comprising: cpu: any that executes the Intel 80386/1486 instruction set (under Any operating system compatible with Unix System		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation	executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0) Hewlett-Packard HP 9000	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0 (BASE	Any Computer System Comprising: cpu: any that executes the Intel 80386/1486 instruction set (under Any operating system compatible with Unix System		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (BASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS HP 9000/300,	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0) Hewlett-Packard HP 9000 Series 300 (under HP-UX	
"Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0 (BASE #910517W1.11155) "Validated by Registration Verdix Corporation VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0 (BASE	Any Computer System Comprising: cpu: any that executes the Intel 80386/1486 instruction set (under Any operating system compatible with Unix System		VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1 (8ASE #910517W1.11157) *Validated by Registration Verdix Corporation VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2 (8ASE #910517W1.11157) *Validated by Registration VADS HP 9000/300, VAda-110-1515,	executes the Intel 80386/i486instruction set (under Any operating system compatible with Unix System V Release 3.2) Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0) Hewlett-Packard HP 9000 Series 300 (under HP-UX	

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)
Corporation	Hewlen-Packard HP 9000 Series 300 (under HP-UX 7.0)	Any Host	VADS Sun-4 => MIPS R3000,	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)	LSI LR33000 Pocket Rocket Evaluation board (R3000) (bare machine)
#910517W1.11157)			#910920W1.11205)		
Validated by Registration			*Validated by Registration		
Corporation /ADS 386/486,	Any computer that executes the Intel 80486 instruction set (under SCO UNIX 3.2v4.2)	Same as Host	Corporation VADS Sun-4 => MIPS R3000, VAda-110-40620, Version 6.1 & 6.2 (BASE	Sun Microsystems Sun-4, SPARCstation, & SPARCstation, & SPARCserver series of computers (under SunOS 4.0, 4.1, & 4.2)	Heurikon HKMIPS/V3500;LSI Logic LR33000/LR33050Pocket Rocket; any MIPS R2000-based & R3000-based computer; Omnibyte VR3000; and Pulsar 3000 (bare machines)
/ · · · 4* ·	14105 PC3230 (under PISC /~	Same as Host	#910920W1.11205)		
Verdix Corporation VADS MIPS, VAda-110-6262, Version 6.1 (#910920W1.11200)	MIPS RC3230 (under RISC/os 4.52)	Same as nosi	Verdix Corporation VADS Sun-4 SunOS => MC68000/10, VAda-110-40128, Version 6:0	Sun-4/280 (under SunOS Release 4.0.3)	Matorola MVME101 (68000) with MVME222-1 memory board (bare machine)
Validated by Registration			(#910920W1.11206)		
Verdix Corporation VADS VAda-110-6262,	MIPS RC3xxx & RC4xxx series of computers (under RISC/OS 4.5)	Any Host	*Validated by Registration Verdix	Sun Microsystems Sun-4,	Motorola MVME101 (68000)
Version 6.1 (BASE #910920W1.11200)			Corporation VADS Sun4 => MC68000/10,	SPARCserver, & SPARCstation computer families (under SunOS 4.1)	with MVME222-1 memory board (bare machine)
Verdix Corporation VADS VAX/VMS =>	MicraVAX 3100 (under VMS 5.3)	Motorola MVME1 65 (68040) (bare machine)	VAda-110-40128, Version 6.0 (BASE #910920W1.11206)		
68040, VAda-110-03140, Version 6.0 (#910920W1.11201)			*Validated by Registration Verdix Corporation	Sun Microsystems Sun-4, SPARCserver, SPARCstation,	Motorola 68302, Philips-Signetics 68070, &
"Validated by Registration Verdix Corporation VADS VAXVMS => 68040, VAda-110-03140, Version 6.0	DEC VAX-11, VAXserver, VAXstation, MicraVAX, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.3)	Motorola MVME165 (68040) (bare machine)	VADS Sun-4 = > MC68000/10,5unOS 4.1, VAda-110-40128, Version 6.0 (BASE #910920W1.11206)	& SPARCengine computer families (under SunOS 4.1)	Toshiba 68301 (bare machines)
(BASE	,		*Validated by Registration		
#910920W1.11201) Verdix Corporation VADS IBM RS/6000	1BM RISC System/6000 Model 530 (under AIX 3.1)	IDT 7RS302 (R3000) (bare machine)	Verdix Corporation VADS Sun-4 =>	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under	Motorola MVME101, Motorola 68302, Philips-Signetics 68070, & Toshiba 68301
=> MIPS R3000, VAda-110-71620, Version 6.1	,		MC68000/10,SunOS, VAda-110-40128, Versions 6.0, 6.1, & 6.2	SunOS 4.0, 4.1, & 4.2)	single-board computers (bare machines)
(#910920W1.11202)		·	(BASE #910920W1.11206)		
"Validated by Registration Verdix Corporation VADS IBM RS/6000 AIX 3.1, VAda-110-71620, Version 6.1 (BASE	IBM RISC System/6000 Models 320, 520, 540, 730, & 930 (under AIX 3.1)	IDT 7RS302 (R3000) (bare machine)	Verdix Corporation VADS Sun-4 SunOS ≈> CPU32, VAda-110-40150, Version 6.0 (#910920W1.11207)	Sun-4/280 (under SunOS Release 4.0.3)	Motorola CPU32 · M68332EVS Evaluation System (68332) (bare machine)
#910920W1.11202)			*Validated by Registration		
"Validated by Registration Verdix Corporation VADS IBM RS/6000 => MIPS R3000, VAda-110-71620, Versions 6.1 & 6.2	IBM RISC/System 6000 Series of computers (under AIX 3.1 & 3.2)	Heurikon HKMIPS/V3500;LSI Logic LR33000/LR33050Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; and Pulsar 3000 (bare machines)	Verdix Corporation VADS Sun-4 SunOS = > CPU32, VAda-110-40150 Version 6.0 (BASE #910920W1.11207)	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under , SunOS 4.1)	Motorola CPU32 - M68332EVS Evaluation System (68332) (bare mochine)
(BASE #910920W1.11202)			"Validated by Registration		Maria - C01120 (022)
Verdix Carporation VADS Sun-4 => MIPS R3000, VAda-110-40620, Version 6.1	SPARCserver 490 (under SunOS Release 4.1)	LSI LR33000 Pocket Rocket Evaluation board (R3000) (bare machine)	Verdix Carporation VADS Sun-4 SunOS ≈> CPU32, VAda-110-40150 Version 6.0	Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCengine computer , families (under SunOS 4.1)	Motorola CPU32-68331, -68333, & -68340 Evaluation Systems (bare machines)

VENDOR, COMPIL & CERTIFICATE ;		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS
*Validated by Registration Verdix Corporation VADS Sun-4 => CPU32,		Motorola CPU32-68331, -68332,-68333,&-68340	Verdix Carporation VADS IBM RISC System/600	IBM RISC System/6000 Model 530 (under AIX 3.1) 00	Motorola MVME147 (68030) (bare machine)
SunOS, VAda-110-40150, /ersions 6.0 & 6.2 BASE #910920W1.11207)	, computer families (under SunOS 4.0, 4.1., & 4.2)	Evaluation Systems (bare machines)	AIX => 6B020/30ARTX, VAda-110-71120,Version (#910920W1.11212)	6.0	
Verdix Corporation VADS IBM PS/2, AIX 1,1,	IBM PS/2 Model B0 (under AIX 1.1)	Same as Host	*Validated by Registration Verdix Corporation	IBM RISC System/6000Models 320, 520, 540, 730, & 930	Moiorola MVME147 (68030 (bare machine)
√Ada-110-3535, √ersion 6.1 (#910920W1.11208)			VADS IBM RISC System /6000 AIX => 68020/30 ARTX, VAdq-110-71120,	(under AIX 3.1)	
Verdix Corporation VADS MIPS => MIPS R3000, VAda-110-62620,	MIPS RC3230 (under RISC/os 4.52)	Lockheed Sanders STAR MVP (R3 000) (bare machine)	Versian 6.0 (BASE #910920W1.11212)		
Version 6.1 (#910920W1.11209) "Validated by Registration			Verdix Corporation VADS SYSTEM V/860 RELEASE 4, VAda-110-9090,	Okidata 1860 Workstation (under UNIX SYSTEM V/B60 RELEASE 4 v1.0)	Same as Host
/erdix Corporation /ADS MIPS => MIPS R3000, VAda-110-62620,	MIPS RC3230 (under RISC/OS 4.5)	Heurikon HKMIPS/V3500;LSI Logic LR33000/LR33050Pocket Rocket; any MIPS R2000-based	Version 6.1 (#910920W1.11213)	M - 2/42 2 400 / - J - 2/45	
Versions 6.1 & 6.2 (BASE #910920W1.11209)		R3000-based computers Omnibyte VR3000; and Pulsar 3000 (bare machines)	Verdix Corporation VADS VMS => AMD29000, VAda-110-03525,	MicroVAX 3 600 (under VMS 5.2)	fronics IV9001 board (AMD 29000) (Am29000 bare VMf machine)
/erdix Corporation /ADS Sun-3 SunOS => 68020/30ARTX, /Ada-110-13120,	Sun-3/280 (under SunOS Release 4.0)	Motorola MVME147 (68030) (bare machine)	Version 6.04 (#910920W1.11214) *Validated by Registration		
/ersion 6.0 #910920W1.11210)			Verdix Corporation VADS VAX VMS => AMD 29K, VAda-110-03525,	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, & VAX 9000	Ironics IV9001 board (AMD 29000) (Am29000 bare VM machine)
Validated by Registration Verdix Corporation VADS Sun3 SunOS	Sun Microsystems Sun-3 computer family (under SunOS 4.1)	Cyclone CVME 44, 46, & 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37, & Golden Triangle	Version 6.04 (BASE #910920W1.11214)	Series of computers (under VMS 5.3)	
=> 68020/30ARTX, /Ada-110-13120, /ersion 6.0 /BASE		Firepower; Heurikan HK68/V2E Series, /V2F Series, & /V30 Series; Integrated Solutions VME68K20, 68K30, 68225, & Liberator SBC; Matrix MS-CPU220 &	Verdix Corporation VADS Sun-3 SunOS => AMD 29K, VAda-110-13525,	Sun-3/180 (under SunOS 4.1.1)	Ironics IV9001 board (AMD 29000) (Am29000 bare VM machine)
#910920W1.11210)		MS-CPU320; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorala MVME133 Series, MVME134, MVME135,	Version 6.04 (#910920W1.11215)		
		MVME136, MVME141, & MVME147 Series; Sun Microsystems 3E board set;	*Validated by Registration Verdix Carporation	Sun Microsystems Sun-3	Ironics IV9001 board (AMD
		and Tadpole Technology TP32V & TP32M (bare machines)	VADS Sun-3 SunOS => AMD 29K, VAda-110-13525,	computer family (under SunOS 4.1)	29000) (Am29000 bare VMI machine)
/erdix Corporation /ADS Sun4 SunOS => 68020/30ARTX, /Ada-110-40120,	SPARCstation 2 (under SunOS Release 4.1.1)	Motorola MVME147 (68030) (bare machine)	Version 6.04 (BASE #910920W1.11215)		
/ersion 6.0 #910920W1.11211) Validated by Registration			Verdix Corporation VADS AT&T 3B2/600GR UNIX System V, Release 4.0, VAda-110-6363,	AT&T 3B2/600GR(under UNIX System V, Release 4.0)	Same as Host
/erdix Corporation /ADS Sun4 SunOS => 68020/30ARTX,	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under	Motorola MVME147 (68030) (bare machine)	Version 6.1 (#920513W1.11252)		
/Ada-110-40120, /ersion 6.0 BASE #910920W1.11211)	SunOS 4.1)		Verdix Corporation VADS IBM RISC System/6000 => IBM RISC System/6000,	IBM RISC System/6000 Model 530 (under AIX 3.2)	IBM RISC System/6000Mod 320 (bare machine)
Validated by Registration	Sun Microsystems Sun-4,	Cyclone CVME 48; Force CPU	VAda-110-71710, Version 6.2 (#920513W1.11253)		
Corporation (ADS Sun4 SunOS => 68020/30ARTX,	SPARCstation, & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)	21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30	*Validated by Registration Verdix Corporation	IBM RISC System/6000series	Any Host
/Ada-110-40120, /ersions 6.0 & 5.2 BASE		Series, & HK6B/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZB120, MZB130;	VADS IBM RISC System/6000, VAda-110-71710, Version 6.2	of camputers (under AIX 3.1 & 3.2)	
#910920W1.11211)		Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; SBE VCOM-24; and Tadpole TP32V (bare machines)	(BASE #920513W1.11253)		

VENDOR, COMPILE & CERTIFICATE #		TARGET MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS
erdix Corporation ADS BCS => 88K, Ada-110-80680, ersion 6.1	Motorola 88000 Delta (under R32V3 920117)	Motoroka MVME187 (88000) (bare machine)	Verdix Corporation VADS IBM RISC System/6000, VAda-110-7171,	IBM RISC System/6000 model 220 (under AIX 3.2)	Same as Host
#920513W1.11254)			Vada-110-7171, Version 6.2 (#921004W1.11278)		
erdix Corporation	Sun-4/20 (under SunOS,	Motoroła MVME167A (68040)	(* /2100 / 11112 / 0)		
ADSworks Sun4 => BK, VAda-115-40800, ersion 2:0 #920513W1:11256)	4.1.1)	(bare machine, using VxWorks 5.0)	*Validated by Registration Verdix Corporation VADS IBM RISC System/6000 VAda-110-7171,	IBM RISC System/6000 models 230 & 570 (under AIX 3.2 & AIX BI/CMW)	Same as Host
	Sun Microsystems Sun-4, SPARCstation, & SPARCserver	DY 4 Systems SVME-144; Force CPU-40 Series; Motorola MVME162, MVME165,	Version 6.2 (BASE #921004W1.11278)		
Ada-115-40800, ersions 2.0 & 3.0 IASE	computer family (under SunOS 4.0, 4.1, & 4.2)	MVME167, & MVME167A; PEP Modular Computer VM40; Radstone CPU-40; and Tadpole TP41V (bare machine,	Verdix Corporation VADS I8M RISC	IBM RISC System/6000 model 530H (under AIX 3.2)	Same as Host
920513W1.11256)		using vxWorks 5.0)	System/6000, VAda-110-7171,	,	
ordix Corporation ADSworks Sun4 => PARC, VAda-115-40850,	Sun-4/20 (under SunOS, 4.1.1)	Sun SPARCengine 1 e (bare machine, using VxWorks v5.0)	Version 6.2 (#921004W1.11279)		
arsion 2.0 1920513W1.11257)			Verdix Corporation VADS System V/386/486,	ASL 486/33 (under UNIX System V, Release 3.2)	Same as Host
alidated by Registration	Sun Microsystems Sun-4, Sun	SPARCengine 1e (bare	VAda-110-3232, Version 6.1 (#921004W1.11280)		
orporation	SPARCserver, & SPARCstation m	cichine, using vxWorks 5.0)		ACT D	C
ADSworks Sun4 => PARC, Ada-115-40850, ersion 2.0 IASE	computer families (under SunOS 4.0, 4.1, & 4.2)		Verdix Corporation VADS System V/386/486, VAda-110-3232, Version 6.1 (#921004W1.11281)	AST Premium 486 (under UNIX System V, Release 4.0)	Same as Host
920513W1.11257)			Verdix Corporation	NCR model 3450 (under NCR	Same as Host
erdix Corporation ADS Sun SPARC =>	Sun-4/260 (under SunOS, Version 4.1.2)	Intel iSBC 386/20p (bare machine)	VADS System V/386/486, VAda-110-3232, Version 6.1	UNIX SVR4 MP-RAS Release 2)	June us man
86, VAda-110-40315,			(#921004W1.11282)		
ersion 6.2 F920513W1.11258) Validated by Registration			Verdix Corporation VADS System V/386/486, VAda-110-3232,	NCR model 3550 (under NCR UNIX SVR4 MP-RAS Release 2)	Same as Host
erdix orporation ADS Sun SPARC =>	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under	Any single-board computer that executes the Intel 80386 or i486 instruction	Version 6.1 (#921004W1.11283)		
86/486, Ada-110-40315,Version .2 under SunOS4.x	SunOS 4.1 & 4.2)	set (bare machine)	Verdix Corporation VADS Sun SPARC Solaris 2.1, VAda-110-4040,	RDI Britelite IPX Laptop (under Solaris 2.1)	Same as Host
BASE 1920513W1.11258)			Version 6.2 (#921004W1.11284)		
Validated by Registration erdix	Sun Microsystems Sun-4,	Intel iSBC 486/133& 486/166	Verdix Corporation VADS Sun-4 Solaris	SPARCstation LX 4/30 (under Solaris 2.1)	Same as Host
orporation ADS Sun SPARC => 86, VAda-110-40315,	SPARCserver, & SPARCstation computer families (under SunOS 4.0, 4.1, & 4.2)	(bare machines)	2.1, VAda-110-4040, Version 6.2 (#921004W1.11285)		
ersion 6.2	·		everal by Designation		
3ASE 920513W1.11258)			*Validated by Registration Verdix Corporation	Sun Microsystems Sun-4, SPARCstation, & SPARCserver	Any Host
erdix orporation	DECstation 5000/200 (under Ultrix V4.1)	Lockheed Sanders STAR MVP board (bare machine, using	SPARCompiler Ada Porting Kit,	computer families (under Solaris 2.1)	
ADSworks EC-RISC=>MIPS 3000, VAda-115-61640,		vxWorks 5.0)	Version 2.0 (8ASE #921004W1.11285)		
ersion 2.0 #921004W1.11277)			*Validated by Registration		Acuthor
Validated by Registration	DECstation & DECsystem	Heurikon HKMIPS/V3500;LSI	Verdix Corporation SPARCworks	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under	Any Host
Corporation (ADSworks	(MIPS-based) computer families (under ULTRIX 4.1,	Logic LR33000/LR33050Pocket Rocket; any MIPS R2000-based	Professional Ada, Version 2.0	Solaris 2.1 & 2.2)	
DEC-RISC = > MIPS R3000, VAda-115-61640, Version 2.0	4.2, & 4.3)	& R3000-based computers; Omnibyte VR3000; and Pulsar 3000 (bare machines, using	(8ASE #921004W1.11285)		
8ASE		VxWorks 5.0 & 5.1)			

VENDOR, COMPIL. & CERTIFICATE #		TARGET S) MACHINE & (OS)	VENDOR, COMPILE & CERTIFICATE		TARGET MACHINE & (OS)
Verdix Corporation VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2	SPARCstation 10 model 30 (under Solaris 2.1)	Same as Host	*Validated by Registration Verdix Corporation VADS HP 9000 Series 700/800, VAda-110-7575,	HP 9000 Series 700 & 800, all models (under HP-UX Versions 8.0 & 9.0, all releases as appropriote)	Same as Host
(#921004W1.11286) Verdix	SPARCstation 10 model 41	Same as Host	Version 5.2 (BASE #930226₩1.11311)		
Corporation VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2 (#921004W1.11287)	(under Solaris 2.1)		Verdix Corporation VADSworks Sun-4 => MIPS R3000 VAda-115-40640, Version 2.0	Sun·4/20 (under SunOS Release 4.1.1)	Heurikon HKMIPS/3500 (R30) board (bare machine, using vxWorks 5.0)
Verdix Corporation	SPARCstation 10 model 42 (under Solaris 2.1)	Same as Host	(#930226W1.11312)		
VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2 (#921004W1.11288)	Sun SPARCserver 690 (under	Same as Host	*Validated by Registration Verdix Corporation VADSworks Sun-4 => MIPS R3000 VAda-115-40640, Version 2.0	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)	Heurikon HKMIPS/V3500;(bt machine, using vxWarks 5.0)
Corporation VADS Sun SPARC Solaris 2.1, VAda-110-4040,	Solaris 2.1)	Same & Floar	(BASE #930226W1.11312)		
Version 6.2 (#921004W1.11289) *Validated by Registration	6		Verdix Corporation VADS Sun4 => MIPS R3000, VAda-110-42620, Version 6.2	Sun SPARCstation 2 (under Solaris 2.2)	Lockheed Sanders STAR MVP (R3000) (bare machine)
Verdix Corporation Sun Microsystems SPARCompiler Ada 2.1 (BASE #921004W1.11289)	Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.0, 2.1, 2.2, & 2.3)	Any Host	(#930901W1.11323) Verdix Corporation VADS Sun4 => MIPS R4000, VAda-110-40630,	Sun SPARCstation 2 (under SunOS 4.1.2) board (bare machine)	Silicon Graphics Indigo XS4000 used as a MIPS R401
Verdix Corporation	Sun SPARCserver 690 (under Solaris 2.1)	Same as Host	Version 6.2 (#930901W1.11324)		
VADS MP Sun SPARC Solaris 2.1, VAda-110-4141, Version 6.2 #921004W1.11290)			Verdix Corporation VADS Sun4 => Paragon, VAdo-110-40782, Version 6.2 {#930901W1.11325}	Sun SPARCstation 2 (under SunOS 4.1.3)	Intel PARAGON Supercompt (under OSF/1 Release 1.0.3 Server 1.1 PT10.7.6(T10.4))
"Validated by Registration Verdix Corporation Sun Microsystems SPARCworks iMPact Ada 1.0 (BASE	Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.0, 2.1, 2.2, & 2.3)	Any Host	Verdix Corporation VADS SYSTEM V/88 RELEASE, VAda-110-8080, Version 6.2 (#930901W1.11326)	Molorola Delta 8640 (under UNIX System V/88 Release 4.0)	Same as Host
#921004W1.11290) *Validated by Registration Verdix Corporation VADS MP Sun	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under	Any Host	Verdix Corporation VADS System V/88 Release 4, VAda-110-8080, Version 6.2 (#930901W1.11327)	Data General AViiON Model 530 (under DG/UX Release 5.4.2)	Same as Host
SPARC, Solaris 2.0, VAda-110-4141, Version 6.2 (BASE #921004W1,11290)	Solars 2.0 & 2.1)		Verdix Corporation VADS Windows NT/486, VAda-110-36315, Version 6.2	Compudyne 486 (under Windows NT 3.1)	Same as Host
Verdix Corporation VADS Silicon Graphics Self, VAda-110-6464, Version 6.2	Silicon Graphics IRIS 4D/440 (under IRIX 4.0.1)	Same as Host	(#940110W1.11337) Wang Laboratories, Inc. Wang VS Ada Version 5.00.00 (#901129W1.11093)	Wang VS 8480 (under Wang VSOS 7.30.02)	Same as Host
#921004W1.11291) Verdix Corporation VADS MP Silicon Graphics, VAda-110-6565 Version 6.2 #921004W1.11292)	Silicon Graphics IRIS 4D/440 (under IRIX 4.0.1)	Same as Host	*Validated by Registration Wang Laboratories, Inc. Wang VS Ada Version 5.00.00	Wang VS Models: 100 & 300; 5430,5440,5450 & 5460;7010 7110,7120,7150 & 7310;8220 8230,8260,8430,8460,8470 & 8480;and 10050,10075 & 1010	•
Verdix Corporation VADSself HP 9000 series 700 VAda-1 10-7575, Version 6.2	HP 9000/720(under HP-UX 8.0.7)	Same as Host	(BASE #901129W1.11093)	(under all VS OS versions 7.21.xx & 7.30.xx)	

VENDOR, COMPILER

& CERTIFICATE #

HOST

MACHINE & (OS)

TARGET

MACHINE & (OS)

VENDOR, COMPIL & CERTIFICATE		TARGET MACHINE & (OS)
York Software Engineering Limited York Ada Compiler Environment (ACE) Release 5 (#901127N1.11073)	Intergraph InterPra 3050 Workstation (under CLIX R3.1)	Same as Host
*Validated by Registration Yark Saftware Engineering Limited York Ada Compiler Environment (ACE) Release (BASE #901127N1.11073)	Intergraph Mobile GIS/C2 (under CLIX Release 3.1)	Same as Host
*Validated by Registration York Software Engineering Limited York Ada Compiler Environment (ACE) Release 5	InterPro 125, 225, 340, 360, 2020, 3070, 6040, 6240, 6080 & 6280 (under CLIX Release 3.1)	Any Host
(BASE #901127N1.11073)		
#701127141.11073)		
*Validated by Registration Yark Saftware Engineering Limited York Ada Compiler Environment (ACE) Release (BASE #901127N1.11073)	InterView 220 & 3050 (under CLIX Release 3.1)	Any Host
*\/_ :		
*Validated by Registration York Software Engineering Limited Yark Ada Compiler Environment (ACE) Release (BASE #901127N1.11073)	InterAct 220, 2020, 3050, 6040, 6080, 6240 & 6280 (under CLIX Release 3.1) e 5	Any Hast
*Validated by Registration		
York Saftware Engineering Limited York Ada Compiler Enviranment (ACE) Releas (BASE #901127N1.11073)	InterServe 200, 300, 2000, 3000, 4200, 5200, 6000, 6105 & 6505 (under CLIX Release 3.1)	Any Host
'Validated by Registration		
Yark Software Engineering Limited York Ada Compiler Environment (ACE)	Intergraph Series 2400 & 6400all models that use the C400 chip (under CLIX Release 3.1)	Any Host
Release 5		

(BASE

*901127N1.11073)

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Digital Equipment Corporation	DEC Pascal Version 5.1 for OpenVMS VAX Systems NIST-94/2006; Level 0/1; 9/1/95	VAX 6000-540; OpenVMS VAX Version 6.0	VAXft Models 110, 310, 410, 610, 612; 4000 Models 100, 200, 300, 400, 500, 600; 6000 Models 200, 300, 400, 500, 600; 7000 Model 600; 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; 9000 Models 110, 210, 300 series; 400 series; 10000 Models 600 series; VAX-11/730, 7750, 780, 785; MicroVAX II; 2000; 3100 Models 10/10E, 20/20E, 30, 40, 80, 90; 3300, 3400, 3500; 3600; 3800; 3900; VAXstation II; 2000, 3100 Models 30, 38, 40, 48, 76; 3200, 3500, 3520, 3540, 4000 Models 60, 90, VLC; VAXserver 3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900, 4000 Models 200, 300, 500; 6000 Models 210, 220, 310, 320, 410, 420, 510, 520, 610, 620, 630; OpenVMS VAX, Version 6.0
	DEC Pascal Version 5.1 for DEC OSF/1 AXP Systems; NIST-94/2004; Level 0/1; 9/1/95	DEC 3000 Model 400; DEC OSF/1 AXP Version 2.0 Revision 240	DEC 2000 model 300S AXP; 3000 model 300 AXP, 300L AXP, 400 AXP, 400S AXP, 500 AXP, 500S AXP, 600 AXP, 600S AXP, 800 AXP, 800S AXP; 4000 models 600 AXP series; 710 AXP; 7000 model 600 AXP series; 10000 models 600 AXP series; DEC OSF/1 AXP Version 2.0 Revision 240
	DEC Pascal Version 5.2 for OpenVMS AXP Systems; NIST-94/2005; Level 0/1; 9/1/95	DEC 3000 Model 500; OpenVMS AXP Version 6.1	DEC 2000 models 300S, 500; Digital 2100 A500/600MP; AXPvme 64; DEC 3000 models 300, 300L, 300LX, 300X, 400, 400S, 500, 500S, 500X, 600, 600S, 800, 800S; 4000 models 600 AXP series, 700 series, 7000 model 600 AXP Series; DEC 10000 model 600 AXP series; OpenVMS AXP Version 6.1
IBM Canada Ltd.	IBM AIX XL Pascal Compiler/6000 Version 1 Release 1; NIST-94/1521; Level 0/1; 4/1/95	IBM RISC System /6000 POWERstation /POWERserver 560; IBM AIX for RISC System/6000, Version 3 Release 2	IBMRISC System/6000 POWERstation/POWERserver Models 25T, 25W, 58H, 220, 250, 320H, 34H, 340, 350, 360, 370, 520H, 530, 540, 550, 560, 560F, 590, 730; AIX for RISC System/6000 Version 3 Release 2 IBM RISC System/6000 POWERserver Models 25S, 990, 930, 950, 970; AIX for RISC System/6000 Version 3 Release 2
	IBM AIX XL Pascal Compiler/6000 Version 2 Release 1; NIST-94/1522; Level 0/1; 4/1/95	IBM RISC System /6000 POWERstation /POWERserver 560; IBM AIX for RISC System/6000, Version 3 Release 2	IBMRISCSystem/6000 POWERstation/POWERserver Models 25T, 25W, 58H, 220, 250, 320H, 34H, 340, 350, 360, 370, 520H, 530, 540, 550, 560, 560F, 590, 730; AIX for RISC System/6000 Version 3 Release 2 IBM RISC System/6000 POWERserver Models 25S, 990, 930, 950, 970; AIX for RISC System/6000 Version 3 Release 2
Intergraph Corporation	Pascal-Clipper Version 1.8.4B; NIST-94/1102; Level 0/1; 12/1/94	Clipper Model 2730; CLIX Version 7.1.3	Clipper C300 and C400; CLIX Version 7.1.3

PASCAL PROCESSORS, Continued

Pascal -Certificates

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Sunsoft, a Sun Microsystems, Inc. Business	SPARCompiler Pascal Version 3.0.2; NIST-93/2183; Level 0/1; 2/1/95	SPARCstation 10; Solaris Version 2.3	

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Digital Equipment Corporation	DEC OSF/1 for AXP C Version 2.0; NIST-93/2144; 12/1/94	DEC 3000 Model 400; DEC OSF/1 for AXP Version 2.0	DEC 3000 400, 500; DEC 4000 610; DEC 7000 610; DEC 10000 610; DEC OSF/1 for AXP Version 2.0
	DEC C for RISC/Ultrix Version 1.2a Release 1; NIST-93/2145; 12/1/94	DECstation 5000/200; Ultrix Version 4.4	DECstation 2100, 3100; Personal DECstation 5000 mods 20/25 MX, HX, TX, PXG+, PXG Turbo+; DECstation 5000 mods 120/125/133 MX, CX, HX, PX, TX, PXG, PXG+, PXG Turbo, PXG Turbo+; Models 200 MX CX HX, PX, TX, PXG PXG+ PXG Turbo, PXG Turbo+; Models 240 MX, HX, TX, PXG+, PXG Turbo+; DECsystem 3100; 5000 Models 25, 200, 240; 5100; 5400; 5500; 5810; 5820; 5830; 5840; 5900; Ultrix Version 4.4
	DEC OSF/1 C Compiler Version 3.0; NIST-94/2007; 9/1/95	DEC 3000 Model 400 AXP; DEC OSF/1 Version 3.0	DEC 2000 models 300 AXP, 500 AXP; 2100 Server A500MP, A600MP; 3000 models 300 AXP, 300L, 300X, 300LX, 400 AXP, 400S, 500 AXP, 500S, 600 AXP, 600S, 800 AXP, 800S; 4000 models 610 AXP, 710; 7000 model 610 AXP; 10000 model 610 AXP; DEC OSF/1 Version 3.0
	DEC C for OpenVMS VAX Version 4.0; NIST-94/2009; 9/1/95	VAX 4000 Model 90; OpenVMS VAX Version 6.1	Q-bus Based Systems: MicroVAX II, VAXstation II/GPX[1], VAXstation II/QVSS[2] 1. Graphics Processing Accelerator (GPX) 2. Q-bus Video Sub System (QVSS); VAXserver 3200, 3300, 3400, 3500, 3600, 3800, 3900; 4000, Models 200, 300, 400, 500, 600; VAXstation 3200 3500, 3520, 3540; MicroVAX 3200, 3300, 3400, 3500, 3600, 3800, 3900, VAX 4000, Models 100, 200, 300, 500, 600; 50, 100A, 500A, 600A, 700A; NMI Bus Based Systems: VAX 8530, 8550, 8700, 8800, 8810, 8820, 8830, 8840; VAXserver 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; XMI Bus Based Systems: VAX 6000 Series, Models 210, 220, 230, 240; 310, 320, 330, 340, 360; 410, 420, 430, 440, 450, 460; 510, 520, 530, 540, 550, 560; 610, 620, 630, 640; 7000 Models 610, 620, 630, 640, 650, 660; VAXserver 6000, Models 210, 220, 310, 320, 410, 420, 510, 520; 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550; 8700, 8800, 8810, 8820, 8830, 8840; VAX 85300, 8850, 8850, 8850, 8850, 8850, 8850,

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	DEC C for OSF/1 AXP Version 4.0; NIST-94/2008; 9/1/95	DEC 3000 Model 400; DEC OSF/1 Version 3.0	Alpha AXP; DEC 2000 models 300 AXP, 500 AXP; 2100 Server A500MP, A600MP; 3000 models 300 AXP, 300L, 300X, 300LX, 400 AXP, 400S, 500 AXP, 500X, 600 AXP, 600S, 800 AXP, 800S; 4000 models 610 AXP 710; 7000 model 610 AXP; 10000 model 610 AXP; DEC OSF/1 Version 3.0
	DEC C for OpenVMS AXP Version 4.0; NIST-94/1405; 4/1/95	DECstation 3000 Model 400; OpenVMS AXP Version 6.1	DEC 2000 Model 300S AXP; 3000 Models 300 AXP, 300L AXP, 300X AXP, 300LX AXP, 400 AXP, 400S AXP, 600 AXP, 600S AXP, 800 AXP, 800S AXP; Digital 2100 A600/600 MP; DEC 4000 Models 600 AXP, 700 AXP DEC 7000 Models 600 AXP; 10000 Model 600 AXP; OpenVMS AXP, Version 6.1
Encore Computer Corporation	C Version 1.3.0; NIST-93/2261; 11/1/94	Encore 91; UMAX V, Version 3.0.9	ENCORE INFINITY 90, R/T; UMAX V, Version 3.0.9 ENCORE 93; UMAX V, Version 3.1.3
Hewlett- Packard Company	HP C/HP-UX Version A.09.60 Release HP-UX 9.0; NIST-94/1221; 1/1/95	HP9000 Model 720; HP-UX Version 9.0	HP9000 Models 8xx, 7xx, 6xx, FxO, GxO, HxO, IxO; HP-UX Version 9.0
	HP C/iX Version A.05.02 Release MPE/iX 5.0; NIST-94/1222; 1/1/95	HP3000 Model 967; MPE/iX Version 5.0	HP3000 Model 9xx; MPE/iX Version 5.0
	HP C/HP-UX Version B.08.36 Release HP-UX B.09.00; NIST-94/1223; 1/1/95	HP9000 Model 42S; HP-UX Version 8.09.00	HP9000 Models 3xx, 4xx; HP-UX Version B.09.00
IBM Canada Ltd.	IBM C Set ++ for AIX Version 3 Release 1; NIST-94/2025; 9/1/95	IBM RISC System/6000; IBM AIX Version 4 Release 1	
	IBM C for AIX Version 3 Release 1; NIST-94/2026; 9/1/95	IBM RISC System/6000; IBM AIX Version 4 Release 1	
	IBM ILE C/400 Version 2 Release 3; NIST-93/1963; 10/1/94 (pending)	AS/400 Model 9406/E90; OS/400 Version 2 Release 3	9402 System Models D02, E02, C04, D04, E04, C06 D06, E06, F02, F04, F06; 9404 System Models B10 C10, D10, E10, B20, C20, D20, E20, C25, D25, E25 F10, F20, F25; 9406 System Models B30, B35, B40 B45, B50, B60, B70, D35, E35, D45, E45, D50, E50 D60, E60, F80, F90, F95, D70, E70, D80, E80, E90 E95, F35, F45, F50, F60, F70; OS/400 Version 2 Release 3
	IBM C/370 Compiler Version 2 Release 1; NIST-94/2021; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2; NIST-94/2022; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2; NIST-94/2023; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2: NIST-94/2024; 9/1/95	ES/9000; VM/ESA Version 1 Release 2.1	3090, 308x, 43xx, 937x; VM/ESA Version 1 Release 2.1
Intel SSD	CC Compiler Version R4.5; NIST-93/1782; 11/1/94	XP/5; OSF/1AD Release R1.1	
Intergraph Corporation	Clipper Advanced Optimizing C Version 1.57; NIST-94/1103; 12/1/94	Clipper Model 2730; CLIX Version 7.1	Clipper C3000 and C4000; CLIX Version 7.1
	Clipper Advanced Optimizing C Version 2.0; NIST-94/1105; 12/1/94	Clipper Model 2730; CLIX Version 7.1	Clipper C300 and C400; CLIX Version 7.1
Microsoft Corporation	Microsoft C/C++ Optimizing Compiler Version 9.00; NIST-94/2141; 10/1/95	MIPS/NEX Model Image RISCStation; Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; NIST-94/2142; 10/1/95	Unisys X-Series Deskside/LX, model x-series Deskside/LX Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; NIST-94/2143; 10/1/95	Compaq Model Deskpro XE560; Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; NIST-94/2144; 10/1/95	IBM Valuepoint 6384-199 Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
NCR Corporation	NCR C Development Toolkit Release 2; NIST-94/1121; 1/1/95	NCR System 3000 Model 3550; NCR UNIX SVR4 MP-RAS Release 2 Version SVR4	NCR System 3000 Models 3335, 3340, 3345, 3350, 3360, 3410, 3430, 3445, 3447, 3450, 3455, 3470, 3475, 3520, 3525, 3555, 3570, 3575, 3600; NCR UNIX SVR4 MP-RAS Rel. 2

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Pyramid Technology Corp.	DC/OSx ANSI C, Version 3.11 Release c07x; NIST-94/1541; 5/1/95	MIServer-ES; DC/OSx Version 1.1 Release c07x	MIServer-S; DC/OSx Version 1.1 Release c07x
	DC/OSx ANSI C, Version 3.11 Release d07x; NIST-94/1542; 5/1/95	MIServer-NILE; DC/OSx Version 1.1 Release d07x	
SCO Canada, Inc.	SCO XPG4 Development System Supplement Version 1.0; NIST-94/1661; 4/1/95	DELL 486 Model 450DE/2 DGX; SCO UNIX Version 3.2 Release 4.2	
Sequent Computer Systems, Inc.	ptx/C Version 2 Release 1.0; NIST-93/2003; 2/1/95	S2000/250; DYNIX/ptx Version 2 Release 1.0	S2000/450, S2000/750; DYNIX/ptx Version 2 Release 1.0
Silicon Graphics Computer Systems, Inc.	C Version SC4-ANSIC-3.19; NIST-94/1443; 10/1/95	4D/CRIM model IP17; IRIX Version 5.3	
	MIPS PRO C Version SC4-ANSIC-6.0; NIST-94/1444; 10/1/95	Challenge model IP21; IRIX Version 6.0	
Sunsoft, A Sun Microsystems, Inc. Business	SPARCompiler C Version 3.0; NIST-93/2184; 2/1/95	SPARCstation 10 SPARCserver 1000; Solaris Version 2.3	
	SPARCompiler C Version 3.0.1; NIST-94/1744; 9/1/95	SPARCstation 5 SPARCstation 20; Solaris Version 2.4	Voyager, SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4
	ProCompiler C Version 2.0.1; NIST-94/1745; 9/1/95	Gateway 2000 486/33E; UnixWare Version 1.1	
Tandem Computers Incorporated	C Version D20 Release D20; NIST-93/2041; 10/1/94 (pending)	NonStop VLX; NonStop Kernel Version D20 Release D20	
Unisys	UCS C (UC) Version 4R1 Release SB5R1; NIST-93/2221; 11/1/94	2200 Model 900; 1100 OS EXEC Version 44R1 Release SB5R1	1100/90, 2200/400, 2200/600; 1100 OS EXEC/44R1

2.7.6 MUMPS PROCESSORS

No entries at this time.

2.8 LANGUAGE PROCESSORS WITH REGISTERED REPORTS ONLY

No entries at this time.



3. DATABASE LANGUAGE (SQL)

3.1 FIPS Database Language Standards

As specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Standards Index, Federal agencies, when acquiring SQL processors, are responsible for assuring that processors are in accordance with the applicable FIPS PUB 127, Database Language SQL. On December 3, 1993, FIPS PUB 127-2 superseded FIPS PUB 127-1.

3.2 Organization of Database Language Processor Entries

Each entry in the VPL is a very limited extract from the Validation Summary Report (VSR) available from the Software Standards Validation Group at NIST. See 3.4 and 3.5 below.

Products validated for conformance to FIPS PUB 127-2 are listed first, followed by products validated for FIPS PUB 127-1. Products that demonstrated one or more nonconformities, as assessed by the SQL Validation System, are listed separately at the end. (These products are considered "provisionally" validated, pending correction of nonconformities.) The entries in the VPL for database language processors are presented as follows:

- The VENDOR ID column contains the name of the Vendor of the processor.
- The PROCESSOR ID column contains the name of the processor, its version number, the VSR number, and the Expiry date of the Validation Certificate or the Registered VSR. The term "Prerelease" means that the vendor has designated the SQL processor as "not commercially available" at the time of validation. The product is listed to assist users in planning for future procurements. The term "Vendor-Tested Port" means the Vendor has complied with CSL procedures for self-testing a ported version of a registered SQL processor. NIST has reviewed Vendor test results and determined them to be equivalent to those in the referenced BASE VSR.
- The INTERFACES & COMPILERS column contains the names of associated interactive SQL or programming language interfaces, and identification of the programming language compilers that interface with the SQL processor. A listing in the COMPILERS column is not an indication that the compiler has been validated for the applicable programming language standard. See the preceding "Programming Languages" Section for a list of validated compilers.
- The HARDWARE & OPERATING SYSTEM column presents the hardware and operating system environment used during the validation.
- The entries in the OTHER HW/SW ENVIRONMENTS column include other hardware and operating system environments in which the processor operates, and the programming language compilers that interface with the SQL processor. The listings of the compilers and operating systems may contain a range of versions that are supported. Rebadged or renamed software are also listed here. This column is restricted to binary-compatible hardware environments.
- The NONCONFORMITIES column lists the number and type of nonconformities for each programming language interface tested. "Schema" nonconformities are deficiencies in support for standard schema definition language constructs. "FIPS Flagger" in this column indicates that the mandatory FIPS Flagger requirement of FIPS 127 was not implemented. Refer to the VSR for details. The number of nonconformities is only one limited measure of the quality of an SQL interface. It is more important to analyze the nature of each individual nonconformity and its impact on meeting user requirements.

3.3 Validation Requirements

Refer to <u>Database Language SQL Validation Procedures</u>. The requirements for validation of database language processors are the same as those for programming language processors, listed in section 2.3.1, with several exceptions. Expired VSRs are deleted from the VPL to motivate vendors to test new releases of their SQL processors and to demonstrate conformance to more comprehensive versions of the SQL Test Suite. Information about expired VSRs or vendor self-testing with the SQL Test Suite may be available from the vendor.

3.4 Certificate of Validation

A Certificate of Validation is issued for those SQL processors that have been tested and are considered to be in compliance with FIPS as specified by the FIPS, by the FIRMR, and the associated Federal ADP and Telecommunications Standards Index.

3.5 Registered Report

A Validation Summary Report (VSR) that indicates that the SQL processors did not meet the criteria for a Certificate of Validation may be registered by the Computer Systems Laboratory. A VSR is considered registered by CSL when it contains a signed notice that the VSR will be listed in the CSL Validated Products List (VPL).

3.6 Validation Procedures

SQL processors are tested in accordance with the procedures described in the NIST <u>Database Language</u> <u>SQL Validation Procedures</u>. To request a copy of the validation procedures and/or to request the validation of an SQL processor, contact:

National Institute of Standards and Technology
Computer Systems Laboratory
Software Standards Validation Group
Building 225, Room A266
Gaithersburg, Maryland 20899 (U.S.A.)
Telephone (301) 975-2490 (Voice)
(301) 975-3274 (Voice)
(301) 948-6213 (FAX)
e-mail: dashiell@speckle.ncsl.nist.gov (INTERNET)

3.7 SQL Validation System

To request a copy of the SQL Validation System and/or to submit questions regarding the SQL Validation System, contact:

National Institute of Standards and Technology Computer Systems Laboratory Database Languages Group Building 225, Room A266 Gaithersburg, Maryland 20899 (U.S.A.) Telephone (301) 975-3258 (Voice) (301) 975-3263 (Voice) (301) 948-6213 (FAX) e-mail: sullivan@ecf.ncsl.nist.gov (INTERNET) VENDOR

PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE: OPERATING SYS. INTERFACES & COMPILERS

OTHER HW/SW ENVIRONMENTS

FIPS 127-2 - ZERO NONCONFORMITIES

[Entry FIPS 127-2 exceeds requirements for FIPS 127-1 with Integrity Enhancement Option]

Digital Equipment Corporation DEC Rdb for OpenVMS VAX Version 6.0; NIST-94/7111; 03/31/95;

VAXstation 3500; OpenVMS VAX, V. 5.4-3

Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults Embedded Ada Module Ada VAX Ada Version 2.3 Embedded C Module C VAX C Version 3.2 Embedded COBOL Module COBOL VAX COBOL Version 5.1 Embedded FORTRAN Module FORTRAN VAX FORTRAN Version 5.8 Embedded PASCAL Module PASCAL VAX Pascal Version 4.4 Interactive SQL (FIPS Default)

VAX 4000 Models 100, 200, 300, 400, 500, 600; VAX 6000 Models 200, 300, 400, 500, 600; VAX 7000 Model 600; VAX 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8598, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; VAX 9000 Models 110, 210, 300, 400; VAX 10000 Model 600: VAXft 3000 Models 110. 310, 410, 610, 612; VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785; MicroVAX's II, 2000, 3100 Models 10/10E, 20/20E, 30, 40, 80, 90; MicroVAX's 3200, 3300, 3400, 3500, 3600, 3800, 3900; VAXstation's II, 2000, 3100 Models 30, 38, 40, 48, 76; VAXstation's 3200, 3500, 3520, 3540, 4000 Models 60, 90, VLC; VAXservers 3100, 3200, 3300, 3400, 3500, 3600, 3800, 3900, 4000 Models 200, 300, 400, 500, 600, 700; VAXserver 6000 Models 200, 300, 400, 500, 600 Series; VAXservers 8200, 8250, 8300, 8350, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8830, 8840 OpenVMS VAX, Vers. 5.4, 5.5, 6.0

VAX Ada V2.0 - 2.3 VAX C V3.0 - 3.2 VAX COBOL V4.2-4.4 VAX COBOL V5.0-5.1 VAX Fortran V5.0 - 5.9 VAX Pascal V4.0 - 4.4

DEC Rdb for OpenVMS AXP Version 6.0; NIST-94/7112; 03/31/95;

DEC 2000 Model 300; OpenVMS AXP, V. 1.5

Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults Embedded Ada Module Ada DEC Ada for OpenVMS AXP. Version 3.0 Embedded C Module C DEC C for OpenVMS AXP, Version 1.3 Embedded COBOL Module COBOL DEC COBOL for OpenVMS AXP, Version 1.1 Embedded FORTRAN Module FORTRAN DEC FORTRAN for OpenVMS AXP, V.6.1 Embedded PASCAL Module PASCAL DEC Pascal for OpenVMS AXP, Version 5.1 Interactive SQL (FIPS Default)

DEC 2000 Model 300, DEC 3000 Models 300, 400 AXP Workstation, DEC 3000 Model 400 AXP Server, DEC 3000 Model 500 AXP Workstation, DEC 3000 Model 500 AXP Server, DEC 4000 Model 610 AXP System, DEC 7000 Model 610 AXP System, DEC 10000 Model 610 AXP System OpenVMS AXP Ver. 1.5

DEC Ada for OpenVMS AXP V.3.0
DEC C for OpenVMS AXP V. 1.3-1.4
DEC COBOL for OpenVMS AXP V. 1.1-2.0
DEC Fortran for OpenVMS AXP V.6.1-6.2
DEC Pascal for OpenVMS AXP V.5.0-5.1

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
Informix Software, Inc.	INFORMIX-OnLine Version AN6.00 Pre-release; NIST-94/7041; 1/1/95;	Embedded C INFORMIX-ESQL/C Version AN 6.00 Native C for SunOS 4.1.3 Embedded COBOL	SPARCstation 2, 10, 10 model 30 41 42, SPARCserver 690, 690MP, 1000, 2000, SPARCcenter 2000 SunOs V. 4.1.3_DBE1.3
	Sun SPARCstation 10; SunOS V.4.1.3_DBE1.3 Features Tested:	INFORMIX-ESQL/ COBOL Version AN 6.00 Micro Focus COBOL V3.0.54-Be	
	Entry FIPS 127-2 FIPS Sizing Defaults	Interactive SQL (FIPS Default) INFORMIX DB-Access Version AN	6.00
	INFORMIX-OnLine	Embedded C	HP 9000 Series 635, 645 705, 710, 715/33,
	Version NC6.00 Pre-release; Vendor-Tested Port BASE VSR NIST-94/7041; 1/1/95;	INFORMIX-ESQL/C Version NC6.00 HP Version A.08.71	715/50, 720, 725/50, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200, 870/300, 870/400, 877, 887, 890/1, 890/2, 890/3, 890/4, 897, F10, F20, F30, G30, G40, G50, H20, H30, H40,
	Hewlett Packard 9000/715; HP-UX A.09.01		H50, I30, I40, I50 HP 9000 HP-UX
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
	INFORMIX-OnLine Version NC6.00 Pre-release; Vendor-Tested Port BASE VSR NIST-94/7041; 1/1/95;	Embedded C INFORMIX-ESQL/C Version NC6.00 HP Version A.08.71	RISC System/6000 POWERstation/ POWERserver 220, 250, 25T, 25W, 320H, 340, 350, 520H, 530, 530E, 540, 550, 560, 560F, 570, 580, 58H, 590, 730, RISC System/6000 POWERserver 25S, 930, 950, 970, 990
	IBM RS6000 POWER-server 360; AIX 3.2		,
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
Ingres, An ASK Company	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7121; 5/31/95;	Embedded Ada SUN Ada, Version 1.0 Embedded C SUN C Version 2.0.1 Embedded FORTRAN SUN Fortran Version 2.0.1	ESQL/Ada, Rel. 1.0 ESQL/C Rel. 1.0 ESQL/FORTRAN Rel. 1.0
	SUN SparcStation10; SunOS Version 4.1.3		
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS	
	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7122; 5/1/95;	Embedded Ada VAX Ada, V. 3.0.7 Embedded C VAC C, V. 3.2-044 Embedded FORTRAN VAX Fortran, V. 6.0-1	ESQL/Ada, Rel 1.0 ESQL/C, Rel. 1.0 ESQL/FORTRAN, Rel. 1.0	
	DEC VAXstation 3100, Model 38; VAX/VMS Version 5.5 Features Tested:			
	Entry FIPS 127-2 FIPS Sizing Defaults			
	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7123; 5/31/95;	Embedded Ada Verdix Ada, V. 6.1 Embedded C IBM XL C Compiler V. 1.2 Embedded FORTRAN IBM XL FORTRAN Compiler	ESQL/Ada Rei. 1.0 ESQL/C Rei. 1.0 ESQL/FORTRAN Rei. 1.0	
	IBM RISC System 6000, Model 530; IBM AIX for RISC System 6000 Version 3.2	V.2.3		
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults			
Oracle Corporation	ORACLE7, Release 7.1 (Beta) Pre-release; NIST-93/7521; 11/1/94;	Embedded C Pro*C, Version 1.6 Native C, bundled with SunOS Version 4.1.3		
	SUN SPARCstation 10; SunOS Version 4.1.3			
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults			
	ORACLE7, Release 7.1 (Beta) Pre-release; NIST-93/7522; 11/1/94;	Embedded C Pro*C, V. 2.0 Native C, bundled with SunOS Version 4.1.3		
	SUN SPARCstation 10; SunOS Version 4.1.3			
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults			

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	ORACLE7, Release 7.1 (Beta) Pre-release; NIST-93/7523; 11/1/94;	Embedded Ada Pro*Ada, V. 1.6 Verdix Ada Development System (VADS) SUN Ada, V. 1.1	
	SUN SPARCstation 10; SunOS Version 4.1.3		
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
	ORACLE7, Release 7.1; NIST-94/7141; 6/30/95;	Embedded C Pro*C, V. 1.6 SPARCompiler C Rel. 3.0	
	SUN SPARCstation 10; SunOS V. 5.3		
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
	ORACLE7, Release 7.1; NIST-94/7142; 6/30/95;	Embedded C Pro*C, V. 1.6, 2.0 DYNIX/ptx Native C	
	Sequent 2000/700; DYNIX/ptx V. 2.1		
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
	ORACLE7, Release 7.1; NIST-94/7143; 6/30/95;	Module C SQL*Module for C Version 1.0 SunOS V. 4.1.3	•
	SUN SPARCstation 10; SunOS Version 4.1.3	SPARCompiler C Rel. 3.0	
	Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults		
Sybase, Inc.	Sybase System 10 Pre-release 10.0.1; NIST-94/7061; 1/1/95;	Schema Processor Interactive SQL (isql) Release 10.0.1 Embedded C Sybase System 10	
	Client: Sun 4/690 SunOS Version 4.1.2 Server: Sun 4/690 SunOS Version 4.1.2	Embedded SQL/C pre-release 10.0.1 gcc version 2.3.1	

Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	Sybase System 10	Schema Processor	
	GA Release 10.0.1;	Interactive SQL (isql)	
	NIST-94/7131;	Release 10.0.1	
	4/30/95;	Embedded C	
		Sybase System 10	
	Client: Sun 4/25	Embedded SQL/C	
	SunOS V. 4.1.3	GA 10.0.1	
	Server: Sun 4/25	gcc version 2.3.1	
	SunOS V. 4.1.3		
	Features Tested:		
	Entry FIPS 127-2		
	FIPS Sizing Defaults		
	FIPS	127-1 - ZERO CONCONFORMITIES	
Cincom	SUPRA Server, Version	Embedded SQL C	
Systems, Inc.	3.2 Pre-release;	SUPRA C Precompiler	
	NIST-93/7481;	V. 3.2 Pre-release	
	12/1/94;	C bundled with SunOS	
		Release 4.1.1	
	SUN SPARCstation 2;	Embedded SQL COBOL	
	SunOS Release 4.1.1	SUPRA COBOL Precompiler	
	Forth and Trade de	V. 3.2 Pre-release	
	Features Tested:	SUN COBOL V. 1.0	
	Level 2 ANSI SQL	Interactive SQL SUPRA I/SQL V. 3.2	
	Integrity Enhancement FIPS Sizing Defaults	Pre-release	
	FIPS Flagger	116-1616236	
	r ir o'r iaggei		
	SUPRA Server, Version	Embedded SQL Ada	
	3.2 Pre-release;	SUPRA Ada Precompiler,	
	NIST-93/7482;	V. 3.2 Pre-release	
	12/1/94;	SUN Ada V. 1.1	
	SUN SPARCstation 2;		
	SunOS Release 4.1.1		
	Features Tested:		

Digital Equipment Corporation VAX Rdb/VMS Version 4.1; NIST-92/7351; 10/01/95;

Level 2 ANSI SQL Integrity Enhancement FIPS Sizing Defaults FIPS Flagger

VAXstation 3500 and VAX 8800; VAX/VMS V. 5.4-3

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Embedded Ada Module Ada VAX Ada V. 2.2 Embedded C Module C VAX C V. 3.2 Embedded COBOL Module COBOL VAX COBOL V. 4.4 Embedded FORTRAN Module FORTRAN VAX FORTRAN V. 5.7 Embedded PASCAL Module PASCAL VAX Pascal V. 4.2 Interactive SQL (FIPS Default)

VAX, MicroVAX, and VAXstation VMS V. 5.0-5.4-3

VAX Ada V2.0-2.2 VAX C V3.0-3.2 VAX COBOL V4.2-4.4 VAX Fortran V5.0-5.7 VAX Pascal V3.9-4.2

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	VAX Rdb/VMS	Embedded Ada	VAX, MicroVAX, and
	Version 4.1;	Module Ada	VAXstation
	NIST-92/7352;	VAX Ada V. 2.1	VMS V. 5.0-5.5-2
	10/01/95;	Embedded C	
		Module C	VAX Ada V2.0-2.1
	VAXstation 4000 Cluster;	VAX C V. 3.2	VAX C V3.0-3.2
	VAX/VMS V. 5.5-2	Embedded COBOL	VAX COBOL V4.2-4.4
		Module COBOL	VAX Fortran V5.0-5.7
	Features Tested:	VAX COBOL V. 4.4	VAX Pascal V3.9-4.2
	Level 2 ANSI SQL	Embedded FORTRAN	
	Integrity Enhancement	Module FORTRAN	
	Option	VAX FORTRAN V. 5.7	
	FIPS Sizing Defaults	Embedded PASCAL	
	FIPS Flagger	Module PASCAL	
		VAX Pascal V. 4.2	
		Interactive SQL (FIPS	
		Default)	
	VAX Rdb/VMS	Embedded Ada	VAX, MicroVAX, and
	Version 4.2;	Module Ada	VAXstation
	NIST-92/7353;	VAX Ada V. 2.2	VMS V. 5.0-5.4-3
	10/01/95;	Embedded C	7. W. O. O. O. C.
	19,51,00.	Module C	VAX Ada V2.0-2.2
	VAXstation 3500 and	VAX C V. 3.2	VAX C V3.0-3.2
	VAX 8800;	Embedded COBOL	VAX COBOL V4.2-4.4
	VAX/VMS V. 5.4-3	Module COBOL	VAX Fortran V5.0-5.7
		VAX COBOL V. 4.4	VAX Pascal V3.9-4.2
	Features Tested:	Embedded FORTRAN	
	Level 2 ANSI SQL	Module FORTRAN	
	Integrity Enhancement	VAX FORTRAN V. 5.7	
	Option	Embedded PASCAL	
	FIPS Sizing Defaults	Module PASCAL	
	FIPS Flagger	VAX Pascal V. 4.2	
		Interactive SQL (FIPS	
		Default)	
	VAV 5 11 4446		
	VAX Rdb/VMS	Embedded Ada	VAX, MicroVAX, and
	Version 4.2;	Module Ada	VAXstation
	NIST-92/7354;	VAX Ada V. 2.1	VMS V. 5.0-5.5-2
	10/01/95;	Embedded C	VAV. A L. 1/0.0.0.4
	VAXstation 4000	Module C VAX C V. 3.2	VAX Ada V2.0-2.1
	Cluster:	Embedded COBOL	VAX C V3.0-3.2 VAX COBOL V4.2-4.4
	VAX/VMS V. 5.5-2	Module COBOL	
	V/VV 41410 V. 3.5-2	VAX COBOL V. 4.4	VAX Fortran V5.0-5.7 VAX Pascal V3.9-4.2
	Features Tested:	Embedded FORTRAN	VAA Fascai V3.5-4.2
	Level 2 ANSI SQL	Module FORTRAN	
	Integrity Enhancement	VAX FORTRAN V. 5.7	
	Option	Embedded PASCAL	
	·	Module PASCAL	
	FIPS Sizing Defaults FIPS Flagger	VAX Pascal V. 4.2	
	TIFO Flagger	Interactive SQL (FIPS	
		IIII DIACUTO OUL (IIICO	

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS	
IBM Corporation	Database 2 (DB2) Version 3; NIST-93/7441; 8/1/94; IBM ES90009021-720;	Embedded C IBM C/370 V.2 Rel.1 Embedded COBOL IBM SAA AD/CYCLE COBOL/370 V.1 Rel.1 Embedded Fortran		
	MVS/ESA SP Version 4 Release 1 Features Tested:	IBM VS FORTRAN V.2 Rel.5		
	Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger			
Informix Software Inc.	INFORMIX-OnLine/ Secure Version 5.00; NIST-93/7301; 12/1/95;	Module Ada INFORMIX-ADA/ SAME V.5.00 SunAda V. 2.0 Embedded C	Sun4c sparc Solaris 2.1	
	RDI BriteLite IPX Laptop; Solaris 2.1	INFORMIX-ESQL/C V. 5.00 Sun ANSI C V. 2.0.1 Interactive SQL (FIPS		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger	Default) INFORMIX DB-Access Version 5.00		
	INFORMIX-OnLine/ Secure Version 5.00; NIST-93/7302; 12/1/95;	Module Ada INFORMIX-ADA/SAME Version 5.00 SunAda V. 2.0 Embedded C	Sun4m sparc Solaris 2.1	
	Sun SPARCstation 10, Model 30; Solaris 2.1	INFORMIX-ESQL/C V. 5.00 Sun ANSI C V.2.0.1		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option	Interactive SQL (FIPS Default) INFORMIX DB-Access V. 5.00		
	FIPS Sizing Defaults FIPS Flagger			
	INFORMIX-OnLine/Secure Version 5.00; NIST-93/7303; 12/1/95;	Module Ada INFORMIX-ADA/SAME Version 5.00 SunAda V. 2.0	Sun4m sparc Solaris 2.1	
	Sun SPARCstation 10, Model 41; Solaris 2.1	Embedded C INFORMIX-ESQL/C Version 5.00 Sun ANSI C V. 2.0.1 Interactive SQL (FIPS		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option	Default) INFORMIX DB-Access Version 5.00		
	FIPS Sizing Defaults FIPS Flagger			

SQL PROCESSORS, Continued **VENDOR** PROCESSOR ID; VSR#; OTHER HW/SW ENVIRONMENTS INTERFACES & COMPILERS SUBSET; & EXPIRY DATE: HARDWARE; OPERATING SYS. INFORMIX-OnLine/Secure Module Ada Sun4m sparc Solaris 2.1 Version 5.00; INFORMIX-ADA/SAME NIST-93/7304: Version 5.00 12/1/95: SunAda V. 2.0 Embedded C Sun SPARCstation 10, INFORMIX-ESQL/C Model 42: Version 5.00 Solaris 2.1 Sun ANSI C V.2.0.1 Interactive SQL (FIPS Features Tested: Default) Level 2 ANSI SQL INFORMIX DB-Access Version 5.00 Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger INFORMIX-OnLine/Secure Module Ada Sun4m sparc INFORMIX-ADA/SAME Solaris 2.1 Version 5.00; NIST-93/7305; Version 5.00 12/1/95; SunAda V. 2.0 Sun SPARCstation 4/30: Embedded C Solaris 2.1 INFORMIX-ESQL/C Version 5.00 Features Tested: Sun ANSI C V. 2.0.1 Level 2 ANSI SQL Interactive SQL (FIPS Default) Integrity Enhancement Option **INFORMIX DB-Access** FIPS Sizing Defaults Version 5.00 FIPS Flagger INFORMIX-OnLine/Secure Module Ada Intel 486 Version 5.00; INFORMIX-ADA/SAME Sun Interactive Unix. NIST-93/7306; Version 5.00 V. 3.0.1, Rel. 3.2 12/1/95; Verdix VADS System V/386/486 V. 6.1 Alpha Systems Lab PC Embedded C Model ASL 486/33; INFORMIX-ESQL/C Sun Interactive Unix, Version 5.00 V. 3.0.1, Rel. 3.2 Interactive ANSI C Version 3.0 Features Tested: Interactive SQL (FIPS Default) Level 2 ANSI SQL INFORMIX DB-Access Version 5.00 Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger INFORMIX-OnLine/Secure Module Ada

INFORMIX-OnLine/Secure Version 5.00; NIST-93/7307; 12/1/95;

Hewlett-Packard 9000 Series 800 Model 867; HP BLS A.08.08

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Module Ada
INFORMIX-ADA/SAME
Version 5.00
Alsys Ada for HP9000
Series 800, V. A.05.35
Embedded C
INFORMIX-ESQL/C Version 5.00
HP C V. A.08.17
Interactive SQL (FIPS Default)
INFORMIX DB-Access Version 5.00

HP9000 Series 800, Series 700 HP BLS A.08.08-09 VENDOR PROCESSOR ID; VSR#;
SUBSET; & EXPIRY DATE;
HARDWARE; OPERATING SYS.

INTERFACES & COMPILERS

OTHER HW/SW ENVIRONMENTS

INFORMIX-OnLine/Secure Version 5.00; NIST-93/7308; 12/1/95;

Hewlett-Packard 9000 Series 800 Model 827; HP BLS A.08.08

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Module Ada
INFORMIX-ADA/SAME
Version 5.00
Alsys Ada for HP9000
Series 800, V. A.05.35
Embedded C
INFORMIX-ESQL/C V. 5.00
HP C V. A.08.17
Interactive SQL (FIPS
Default)
INFORMIX DB-Access
Version 5.00

HP9000 Series 800, Series 700 HP BLS A.08.08-09

INFORMIX-OnLine/Secure Version 5.00; NIST-93/7309; 12/1/95;

Hewlett-Packard 9000 Series 800 Model 807; HP BLS A.08.08

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Module Ada
INFORMIX-ADA/SAME
Version 5.00
Alsys Ada for HP9000
Series 800, V. A.05.35
Embedded C
INFORMIX-ESQL/C V.5.00
HP C V. A.08.17
Interactive SQL (FIPS
Default)
INFORMIX DB-Access V.5.00

HP9000 Series 800, Series 700 HP BLS A.08.08-09

INFORMIX-OnLine Version 5.02; NIST-94/7042; 1/1/95;

Sun SPARCstation 10; SunOS Version 4.1.3_DBE1.3

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Embedded Ada
Module Ada
INFORMIX-Ada/SAME
Version 5.02
Sun Ada V. 1.10
Embedded C
INFORMIX-ESQL/C V.5.02
Native C for SunOS 4.1.3
Interactive SQL (FIPS Default)
INFORMIX DB-Access Version 5.02

SPARCstation 2, 10, 10 model 30 41 42, SPARCserver 690, 690MP, 1000, 2000, SPARCcenter 2000 SunOS V. 4.1.3 SunOS V. 4.1.3_DBE1.3

INFORMIX-OnLine/Secure-C2 Version 5.00; NIST-94/7048; 1/1/95:

INFORMIX-OnLine/Secure-C2 Version DR6.00; NIST-94/7047 1/1/95;

Sun SPARCstation 10 Model 20; Solaris V. 2.3 Embedded C
INFORMIX-ESQL/C
Version 5.00
SPARCompiler C
Version 2.0.1
Interactive SQL (FIPS
Default)
INFORMIX DB-Access

SPARCstation 2, 10, 10 model 30 41 42, SPARCserver 690, 690MP, 1000, 2000, SPARCcenter 2000 Solaris V. 2.3 VENDOR

PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS. INTERFACES & COMPILERS

OTHER HW/SW ENVIRONMENTS

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger

INFORMIX-OnLine/Secure-C2 Version 5.00; NIST-94/7051; 1/1/95;

INFORMIX-OnLine/Secure-C2 Version DR6.00; NIST-94/7057; 1/1/95;

INFORMIX-OnLine/Secure-B1 Version 5.00; NIST-94/7055; 1/1/95;

INFORMIX-OnLine/Secure-B1 Version DR6.00; NIST-94/7059; 1/1/95;

DEC 3000; OSF/1 Version T2.0

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger

INFORMIX-OnLine Version 5.01; NIST-94/7052; 1/1/95;

DEC 3000; OSF/1 V. T2.0

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Embedded Ada
Module Ada
INFORMIX-Ada/SAME
Version 5.00
DEC Ada V. 3.1-5
Embedded C
INFORMIX-ESQL/C
Version 5.00
DEC OSF/1 AXP
Compiler Driver V.3.11
Interactive SQL (FIPS
Default)
INFORMIX DB-Access

DEC/1000, DEC/2000, DEC/3000, DEC/3000 Models 400 500, DEC 4000, DEC 4000 Models 610, DEC 7000, DEC 7000 Model 610, DEC/10000, DEC/1000 Model 610 OSF/1 V. T2.0

Embedded Ada
Module Ada
INFORMIX-Ada/SAME
Version 5.01
DEC Ada V. 3.1-5
Embedded C
INFORMIX-ESQL/C
Version 5.01
DEC OSF/1 AXP Compiler
Driver V. 3.11
Interactive SQL (FIPS Default)
INFORMIX DB-Access

DEC/1000, DEC/2000, DEC/3000, DEC/3000 Models 400 500, DEC 4000, DEC 4000 Model 610, DEC 7000, DEC 7000 Model 610, DEC/10000, DEC/1000 Model 610 OSF/1 Version T2.0 VENDOR

PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS. INTERFACES & COMPILERS

OTHER HW/SW ENVIRONMENTS

INFORMIX-OnLine/ Secure-C2 V. 5.00; NIST-94/7081; 1/1/95;

INFORMIX-OnLine/ Secure-C2 V. DR6.00; NIST-94/7087; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V.5.00; NIST-94/7085; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V. DR6.00; NIST-94/7089; 1/1/95;

Hewlett Packard 9000/720; HP-UX V. A.08.09

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger

INFORMIX-OnLine/ Secure-C2 V. 5.00; NIST-94/7091; 1/1/95;

INFORMIX-OnLine/ Secure-C2 V. DR6.00; NIST-94/7098; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V. 5.00; NIST-94/7095; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V. DR6.00; NIST-94/7099; 1/1/95;

IBM POWERstation 320; AIXCMW Version 3.2

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Embedded Ada
Module Ada
INFORMIX-Ada/SAME
Version 5.00
HP/Alsys Ada/700
Version A.05.35
Embedded C
INFORMIX-ESQL/C
Version 5.00
Hewlett Packard C
Version A.08.71
Interactive SQL (FIPS

Default)
INFORMIX DB-Access

HP9000 Series 635, 645, 705, 710, 715/ 33, 715/50, 720, 725/50, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/ 200, 870/300, 870/400, 877, 887, 890/1, 890/2, 890/3, 890/4, 897, F10, F20, F30, G30, G40, G50, H20, H30, H40, H50, I30, 140, 150 HP-UX V. A.08.09

Embedded Ada
Module Ada
INFORMIX-Ada/SAME
Version 5.00
Verdix VADS IBM
RISC System/6000
AIX 3.2 V. 6.1
Embedded C
INFORMIX-ESQL/C
Version 5.00
IBM AIX XL C
Compiler/6000
Version 1.02
Interactive SQL
(FIPS Default)

INFORMIX DB-Access

RISC System/6000 Powerstation/ Powerserver 220, 250, 25T, 25W, 320H, 340, 350, 520H, 530, 530E, 540, 550, 560, 560F, 570, 580, 58H, 590, 730, RISC System/6000 Powerserver 25S, 930, 950, 970, 990 AIX Version 3.2 AIXCMW Version 3.2

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
Ingres, The ASK Group	ASK INGRES SQL. Rel. 6.5 Pre-release; NIST-93/7501; 10/1/94; SUN SparcStation2; SunOS V. 4.1.3 Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults	Embedded Ada Verdix Ada, Version 6.0.3 Embedded C SUN C V. 1.0 Embedded FORTRAN SUN Fortran V. 1.4	ESQL/Verdix Ada, Rel. 6.5 ESQL/C Rel. 6.5 ESQL/FORTRAN Rel.6.5
	FIPS Flagger ASK INGRES SQL.	Embedded Ada	ESQL/Ada. Rel 6.5
	Rel. 6.5 Pre-release; NIST-93/7502; 10/1/94;	VAX Ada, V. 2.0-18 Embedded C VAX C, V. 3.1-051 Embedded FORTRAN	ESQL/C, Rel. 6.5 ESQL/FORTRAN, Rel.6.5
	VAX 6000-410; VAX/VMS V. 5.5	VAX FORTRAN, Version 4.5-219	
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger		
	ASK INGRES SQL, Rel. 6.5 Pre-release; NIST-93/7503; 10/1/94;	Embedded C IBM XL C Compiler Version 1.2 Embedded FORTRAN IBM XL FORTRAN	ESQL/C Rel. 6.5 ESQL/FORTRAN Rel. 6.5
	IBM RISC System 6000, Model 530; IBM AIX for RISC System 6000 V. 3.2.3	Compiler V. 2.2	
	Features Tested: Level 2 ANSI Enhancement Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger		•
Oracle Corporation	ORACLE7, Release 7.0; NIST-93/7101; 11/1/95;	Embedded Ada Pro*Ada, V.1.5 VADS IBM RISC System/6000, AIX 3.2, VAda 110-	IBM RISC System 6000 Models 220, 320, 320H, 340, 350,
	IBM RISC System 6000 Model 530H; IBM AIX for RISC System/6000, V.3 Rel.2	7171, Version 6 Embedded C Pro*C, V. 1.5 IBM XL C Compiler/ 6000, Version 1.2	520, 520H, 540, 550, 560, 730, 930, 950, 970 AIX for RISC System/ 6000, V. 3 Rel. 2
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger		

VENDOR	PROCESSOR ID; VSR#;	INTERFACES &	OTHER HW/SW ENVIRONMENTS	
	SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	COMPILERS		
	ORACLE7, Release 7.0;	Embedded C	NCR Series 3000,	
	NIST-93/7102;	Pro*C, V. 1.5	to include 3335,	
	11/1/95;	NCR C Development	3345, 3447,	
		Toolkit, Rel 2	3550, 3600	
	NCR 3450;		NCR System V Rel.	
	NCR System V Rel.		4 MP-RAS, Rel. 2	
	4 MP- RAS, Rel. 2			
	Features Tested: Level 2 ANSI SQL			
	Integrity Enhancement Option			
	FIPS Sizing Defaults			
	FIPS Flagger			
	ORACLE7, Release 7.0;	Embedded C	NCR Series 3000,	
	NIST-93/7103;	Pro*C, Ver. 1.5	to include 3335,	
	11/1/95;	NCR C Development Toolkit, Rel. 2	3345, 3447, 3550, 3600	
	NCR 3550;	100IKIT, Hel. 2	NCR System V Rel.	
	NCR System V Rel.		4 MP-RAS, Rel. 2	
	4 MP- RAS, Rel. 2			
	Features Tested:			
	Level 2 ANSI SQL			
	Integrity Enhancement Option			
	FIPS Sizing Defaults			
	FIPS Flagger			
	ORACLE7, Release 7.0;	Embedded Ada	NCR Series 3000,	
	NIST-93/7104;	Pro*Ada, Ver. 1.5	to include 3335,	
	11/1/95;	Verdix Corp. VADS	3345, 3447, 3550,	
		UNIX System V/386,	3600	
	NCR 3450;	Rel. 4, Version 6.1	NCR System V Rel.	
	NCR System V Rel.		4 MP-RAS, Rel. 2	
	4 MP- RAS, Rel. 2			
	Features Tested:			
	Level 2 ANSI SQL			
	Integrity Enhancement Option			
	FIPS Sizing Defaults			
	FIPS Flagger			
	ORACLE7, Release 7.0;	Embedded Ada	NCR Series 3000,	
	NIST-93/7105;	Pro*Ada, V. 1.5	to include 3335,	
	11/1/95;	Verdix Corp. VADS	3345, 3447, 3550,	
		UNIX System V/386,	3600	
	NCR 3550;	Rel. 4, V. 6.1	NCR System V Rel.	
	NCR System V Rel.		4 MP-RAS, Rel. 2	
	4 MP- RAS, Rel. 2			
	Features Tested:			
	Level 2 ANSI SQL			
	Integrity Enhancement Option			
	FIPS Sizing Defaults FIPS Flagger			
	, o , lagger			

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	Trusted ORACLE7.	Embedded Ada	HP 9000/7xx
	Release 70.	Pro*Ada, V. 1.5	HP-UX BLS Rel. 8.09
	NIST 93/7106,	Alsys Ada HP-82425,	HP 9000/8xx
	11/1/95,	Version A 05.35	HP-UX BLS Ref. 8.08
		Embedded C	
	Hewlett-Packard	Pro*C, Ver. 1.5	
	9000/807; HP-UX BLS, V-8 08	HP C HP 92453-01, Version A.08 17	
	111 CX 525, V 5 55	V013101171.00 17	
	Features Tested;		
	Level 2 ANSI SQL		
	Integrity Enhancement Option		
	FIPS Sizing Defaults FIPS Flagger		
	THE HADDE		
	Trusted ORACLE7,	Embedded Ada	HP 9000/7xx
	Release 7 0;	Pro*Ada, V. 1.5	
	NIST-93/7107;	Alsys Ada	HP-UX BLS Rel. 8.09
	11/1/95,	HP-B2425,	HP 9000/8xx
		V. A.05.35	HP-UX BLS Rel. 8.08
	Hewlett-Packard	Embedded C	·
	9000/817;	Pro*C, V_ 1.5	
	HP-UX BLS, V. 8.08	HP C HP 92453-01, V. A.08,17	
	Features Tested:		
	Level 2 ANSI SQL		
	Integrity Enhancement Option		
	FIPS Sizing Defaults		
	FIPS Flagger		
	Trusted ORACLE7,	Embedded Ada	HP 9000/7xx
	Release 70,	Pro*Ada, V. 1.5	HP-UX BLS Rel. 8,09
	NIST-93/7108,	Alsys Ada HP-B2425,	HP 9000/8xxx
	11/1/95;	Version A.05.35	HP-UX BLS Rel. 8.08
		Embedded C	
	Hewlett-Packard	Pro*C, Version 1.5	
	9000/847; HP-UX BLS, V. 8.08	HP C HP 92453-01, Version A.08.17	•
	HF-0A 6LS, V. 6.06	version A.06.17	
	Features Tested:		
	Level 2 ANSI SQL		
	Integrity Enhancement Option		
	FIPS Sizing Defaults		
	FIPS Flagger		
	Tuested ODACLET	Embaddad Ad-	NB 0000 Z
	Trusted ORACLE7, Release 7.0;	Embedded Ada Pro*Ada, V 1.5	HP 9000/7xx HP-UX BLS Rel. 8.09
	NIST-93/7109,	Alsys Ada HP-B2425,	HP 9000/8xx
	11/1/95,	Version A.05.35	HP-UX BLS Rel. 8.08
		Embedded C	
	Hewlett-Packard 9000/867;	Pro*C, V. 1.5	
	HP-UX BLS, Version 8.08	HP C HP 92453-01,	
	Features Tested	Version A.08,17	

Features Tested: Level 2 ANSI SQL

Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	Trusted ORACLE7, Release 7.0; NIST-93/710A; 11/1/95; Zenith Data Systems	Embedded Ada Pro*Ada, V. 1.5 AlsyComp_034, Version 5.1 Embedded C Pro*C, V. 1.5	
	Z-Station 433 DEh; SecureWare CMW+, Version 2.2	SecureWare CMW+ Version 2.2 Native C	
	Features Tested: Level 2 ANSI SQL		
	Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger		
	Oracle7, Release 7.0; NIST-94/7021; 1/1/95;	Embedded C Pro*C, Version 1.5 DEC OSF/1 AXP Compiler Driver 3.11	DEC 2000, DEC 4000, DEC 6000, DEC 7000 DEC OSF/1 (T2.0-2)
	DEC 3000; DEC OSF/1 (T2.0-2)	Embedded COBOL Pro*COBOL, V. 1.5 Micro Focus COBOL	
	Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger	V3.1 for DEC OSF/1 AXP Embedded FORTRAN Pro*Fortran, V. 1.5 DEC Fortran V. T3.4	
Praxis International Inc.	Model 204 Advantage/SOL, Version 1 Release 1; NIST-94/7001; 1/1/95;	IBM 9221-170 MVS/ESA Rel. 4.2.2	
	Embedded COBOL; COBOL II V. 1.3.2		
	Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger		
	Model 204 Advantage/ SQL, V. 1 Rel. 1; NIST-94/7002; 1/1/95;	IBM 4381-T92 VM/XA Release 2.1	
	Embedded COBOL; COBOL II V. 1.3.2		

Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
Progress Software Corporation	Progress ESQL Version 7 SDK; NIST-93/7421; 11/1/94;	Embedded C Native C, bundled with SunOS V. 4.1.2	
	SUN SPARCstation ELC; SunOS Version 4.1.2		
	Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger		
	Progress ESQL Version 7 SDK; NIST-93/7422; 11/1/94;	Embedded C Microsoft C for UNIX Version 6	
	BBC 486; SCO UNIX System V/386 V. 3.2		
	Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger		
	Progress ESQL Version 7 SDK; NIST-93/7423; 11/1/94;	Embedded C Microsoft C/C++ Version 7	
	BBC 486; MS-DOS V. 5.0		
	Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger		
Sybase Inc.	Sybase System 10/ Beta Version Pre-release; NIST-93/7061; 9/1/94;	Schema Processor Sybase Interactive SQL (isql) System 10 Version 10 Embedded C System 10 Beta	HP-UX 9.0
	HP 9000/I 40; HP-UX 9.0	Version cc bundled with HP-UX 9.0 Operating System	
	Features Tested: Level 2 ANSI SQL Integrity Enhacement Option FIPS Sizing Defaults FIPS Flagger	,	

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS	
	Sybase System 10 Version 10.0; NIST-93/7062; 10/1/94;	Schema Processor Sybase Interactive SQL (isql) System 10 Version 10.0	NCR 3000 Series NCR SVR 4 2.x	-
	Client: NCR 3550 NCR OS V. 2.00.02	Embedded C Sybase ESQL/C System 10 V. 10.0		
	Server: NCR 3550 NCR OS V. 2.00.02	Metaware High C Release 2.3 Embedded COBOL Sybase ESQL/COBOL		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement	System 10 V. 10.0 Microfocus COBOL V. 3.0		
	Option FIPS Sizing Defaults FIPS Flagger	Other Software Sybase SQL Server System 10 V. 10.0		
	Sybase System 10	Schema Processor	all Sun4, Sparc-	
	Version 10.0; NIST-93/7063; 10/1/94;	Sybase Interactive SQL (isql) System 10 Version 10.0 Embedded C	station 10, Sparc- server 600 series Sun Solaris 2.2	
	Client: Sun 4/65 Sun Solaris V. 2.2 Server: Sun 4/65	Sybase ESQL/C System 10 V. 10.0 Sparc Compiler C		
	Sun Solaris V. 2.2	Version 2.0 Embedded COBOL Sybase ESQL/COBOL		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement	System 10 V. 10.0 Microfocus COBOL Compiler 3.1		
	Option FIPS Sizing Defaults FIPS Flagger	Other Software Sybase SQL Server System 10 V. 10.0		
	Sybase System 10 Version 10.0; NIST-93/7064; 10/1/94;	Schema Processor Sybase Interactive SQL (isql) System 10 Ver 10.0 Embedded C	IBM RS6000 IBM AIX Versions 3.2 & 3.2.4	
	Client: IBM RS/6000 Model 520 IBM AIX Version 3.2 Server: IBM RS/6000	Sybase ESQL/C System 10 V. 10.0 IBM AIX XLC V. 1.2 Embedded COBOL		
	Model 520 IBM AIX V. 3.2	Sybase ESQL/COBOL System 10 V. 10.0		
	Features Tested: Level 2 ANSI SQL Integrity Enhancement	Microfocus COBOL Compiler 3.1 Other Software		
	Option FIPS Sizing Defaults FIPS Flagger	Sybase SQL Server System 10 V. 10.0		

/ENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	Sybase System 10	Schema Processor	HP 700 Series.
	Version 10.0;	Sybase Interactive	HP 800 Series
	NIST-93/7065;	SQL (isql) System	HP-UX A.09.00
	10/1/94;	10 V. 10.0	
	. 0, ., 0 .,	Embedded C	
	Client: HP 9000/827	Sybase ESQL/C	
	HP-UX A.09.00	System 10 V. 10.0	
	Server: HP 9000/827	HP Native C,	
	HP-UX A.09.00	HP C A.09.30	
	THE OX A.00.00	Embedded COBOL	
	Features Tested:	Sybase ESQL/COBOL	
	Level 2 ANSI SQL	System 10 V. 10.0	
	Integrity Enhancement	HP COBOL V. 3.0	
	Option	Other Software	
	FIPS Sizing Defaults	Sybase SQL Server	
	FIPS Flagger	System 10 V. 10.0	
	riro riaggei	System to V. 10.0	
	Sybase System 10	Schema Processor	all Sun4, Sparc-
	Version 10.0;	Sybase Interactive	station 10, Sparc-
	NIST-93/7066;	SQL (isql) System	server 600 series
	10/1/94;	10 V. 10.0	SunOS 4.1.3
		Embedded C	
	Client: Sun	Sybase ESQL/C	
	Sparcserver 690	System 10 V. 10.0	
	SunOS 4.1.3	GCC V. 2.3.1	
	Server: Sun	Embedded COBOL	
	Sparcserver 690	Sybase ESQL/COBOL	
	SunOS 4.1.3	System 10 V. 10.0	
		Microfocus COBOL	
	Features Tested:	Compiler V. 3.0	
	Level 2 ANSI SQL	Other Software	
	Integrity Enhancement	Sybase SQL Server	
	Option	System 10 V. 10.0	
	FIPS Sizing Defaults	Cyclem 10 1. 10.0	
	FIPS Flagger		
	i ii o i iaggei		
	Sybase System 10	Schema Processor	all DEC Vax
	Version 10.0;	Sybase Interactive	`running OS level
	NIST-93/7067;	SQL (isql) System	Vax/VMS 5.4
	10/1/94;	10 V. 10.0	
		Embedded C	
	Client: DEC	Sybase ESQL/C	
	VAX 6000-450	System 10 V. 10.0	
	Vax/VMS 5.4-1 A	Vax C V. 3.1	
	Server: DEC	Embedded COBOL	
	VAX 6000-450	Sybase ESQL/COBOL	
	Vax/VMS 5.4-1 A	System 10 V. 10.0	
		Vax COBOL V. 5.1	
	Features Tested:	Other Software	
	Level 2 ANSI SQL	Sybase SQL Server	
	Integrity Enhancement	System 10 V. 10.0	
	Option	System 10 ₹. 10.0	
	Эрион		
	FIPS Sizing Defaults		

VENDOR	PROCESSOR ID: VSR#. INTERFACES &		OTHER LINKSWEENWEENE	Certific	
VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	COMPILERS	OTHER HW/SW ENVIRONMENTS		
	0.1	0.1	U DEC AVE		
	Sybase System 10	Schema Processor	all DEC AXP		
	Version 10.0;	Sybase Interactive	running OS level		
	NIST-93/7068;	SQL (isql) System	below Dec OSF/1		
	10/1/94;	10 V. 10.0	V. 1.2		
	_	Embedded C			
	Client: DEC 3000	Sybase ESQL/C			
	Model 500	System 10 V. 10.0			
	OSF/1 Version 1.2	DEC OSF/AXP C 3.11			
	Server: DEC	Other Software			
	3000 Model 500	Sybase SQL Server			
	OSF/1 Version 1.2	System 10 V. 10.0			
	Features Tested:				
	Level 2 ANSI SQL				
	Integrity Enhancement Option				
	FIPS Sizing Defaults				
	FIPS Flagger				
Unisys	RDMS 2200, Release	Embedded C	1100/90, 2200/		
Corporation	Level 6R2 (SB5R2),	UCS C (UC) V.	500, 2200/600,		
	Pre-release;	SB5R2 3.11	2200/900		
	NIST-93/7461;	Embedded COBOL	OS 2200 V. SB5R2		
	12/1/94;	UCS COBOL (UCOB)	(EXEC 44R2)		
		Version SB5R2			
	2200/444 System;	Module Fortran			
	OS 2200 V. SB5R2	UCS Fortran (UFTN)			
	(EXEC 44R2) [OS	Version SB5R2			
	1100 is renamed				
	OS 2200]				
	Features Tested:				
	Level 2 ANSI SQL				
	Integrity Enhancement Option				
	FIPS Sizing Defaults				
	FIPS Flagger				
White Cross	WHITE CROSS 9000	Embedded C			
Systems Ltd.	Release 1.0.0;	WHITE CROSS 9000			
, , , , , , , , , , , , , , , , , , , ,	NIST-93/7251:	Client Utilities			
	12/31/94;	Rel. 1.0.0			
	. 40.,00	MICROSOFT C/C++			
	Client: Custom-	Optimizing Compiler			
	built 80486-based	Version 7.00			
	PC Passed	Communications			
	MICROSOFT MS-DOS	FTP PC/TCP V. 2.05			
	Version 5.00	(over Ethernet)			
	Server: WHITE				
	CROSS 9000				
	Model WCS/9010				
	Features Tested:				
	Level 2 ANSI SQL				
	FIPS Sizing Defaults				

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	WHITE CROSS 9000 Release 1.0.0; NIST-93/7252: 12/31/94; Client: NeXTstation NeXTSTEP Release 3.0 Server: WHITE CROSS 9000 Model WCS/9010 Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults	Embedded C WHITE CROSS 9000 Client Utilities Release 1.0.0 NeXTSTEP Objective C Release 3.0 Communications TCP/IP software bundled with OS (over Ethernet)	
	WHITE CROSS 9000 Release 1.0.0; NIST-93/7253; 12/31/94; Client: Custom- built 80486-based PC SCO UNIX SYSTEM V/386 Development System Release 3.2 Server: WHITE CROSS 9000 Model WCS/9010 Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults	Embedded C WHITE CROSS 9000 Client Utilities Release 1.0.0 C Optimizing Compiler V. 5.10 Communications TCP/IP software bundled with OS (over Ethernet)	
	WHITE CROSS 9000 Release 1.0.0; NIST-93/7254; 12/31/94; Client: SPARCstation IPX SunOS Release 4.1.2 Server: WHITE CROSS 9000 Model WCS/9010 Features Tested:	Embedded C WHITE CROSS 9000 Client Utilities Release 1.0.0 SPARCompiler C V. 2.0.1 Communications TCP/IP software bundled with OS (over Ethernet)	

Level 2 ANSI SQL FIPS Sizing Defaults **VENDOR**

PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS. INTERFACES & COMPILERS

OTHER HW/SW ENVIRONMENTS; NONCONFORMITIES

FIPS 127-2 - ONE OR MORE NONCONFORMITIES

[Entry FIPS 127-2 exceeds requirements for FIPS 127-1 with Integrity Enhancement Option]

No entries for this quarter.

FIPS 127-1 - ONE OR MORE NONCONFORMITIES

Informix Software, Inc. INFORMIX-OnLine Version 5.02; NIST-94/7043; 1/1/95;

Sun SPARCstation 10; SunOS Version 4.1.3 DBE1.3

Features Tested: Level 2 ANSI SQL Integrity Enhancement Option FIPS Sizing Defaults FIPS Flagger Embedded COBOL
INFORMIX-ESQL/
COBOL V. 5.02
Micro Focus COBOL
for UNIX 3.0.54-Be
Embedded Fortran
INFORMIX-ESQL/
FORTRAN V.5.02
SPARCompiler
Fortran V. 2.0.1

SPARCstation 2, 10, 10 model 30 41 42, SPARCserver 690, 690MP, 1000, 2000, SPARCcenter 2000 SunOS V. 4.1.3 SunOs Version 4.1.3_DBE1.3;

HP9000 Series 635.

4 COBOL 1 Fortran

INFORMIX-OnLine/ Secure-C2 V. 5.00; NIST-94/7082; 1/1/95;

INFORMIX-OnLine/ Secure-C2 V.DR6.00; NIST-94/7088; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V. 5.00; NIST-94/7086; 1/1/95;

INFORMIX-OnLine/ Secure-B1 V.DR6.00; NIST-94/7080; 1/1/95;

Hewlett Packard 9000/720 HP-UX; Version A.08.09

Features Tested:
Level 2 ANSI SQL
Integrity Enhancement Option
FIPS Sizing Defaults
FIPS Flagger

Embedded COBOL INFORMIX-ESQL/ COBOL V. 5.00 ACUCOBOL-85 Version 2.1.2 Embedded Fortran INFORMIX-ESQL/ FORTRAN V.5.00 HP Fortran/9000s 700 V. A.08.07

645, 705, 710, 715/33, 715/50, 720, 725/50, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 867, 870, 870/ 200, 870/300, 855, 857, 860, 865, 870/400, 877, 887, 890/1, 890/2, 890/3, 890/4, 897, F10, F20, F30, G30, G40, G50, H20, H30, H40, H50, 130, 140, 150, HP-UX V. A.08.09;

4 COBOL 1 Fortran

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS; NONCONFORMITIES
	INFORMIX-OnLine/	Embedded COBOL	RISC System/6000
	Secure-C2 V. 5.00;	INFORMIX-ESQL/	Powerstation/
	NIST-94/7092;	COBOL V. 5.00	Powerserver
	1/1/95;	MicroFocus	220, 250, 25T,
		COBOL for UNIX.	25W, 320H, 340,
	INFORMIX-OnLine/	Version 3.1.31	350, 520H, 530,
	Secure-C2 V. DR6.00	Embedded Fortran	530E, 540, 550,
	NIST-94/7097:	INFORMIX-ESQL/	560, 560F, 570,
	1/1/95;	FORTRAN V. 5.00	580, 58H, 590,
	171733,	IBM AIX XL	730, RISC
	INFORMIX-OnLine/	Fortran Compiler/	System/6000
	Secure-B1 V. 5.00;	6000 V. 2.03.0	Powerserver 25S,
		6000 V. 2.03.0	
	NIST-94/7096;		930, 950, 970, 990
	1/1/95;		AIX Version 3.2
	INFORMIV O. L /	•	AIXCMW V. 3.2;
	INFORMIX-OnLine/		4.00001
	Secure-B1 V. DR6.00;		4 COBOL
	NIST-94/7090;		1 Fortran
	1/1/95;		,
	IBM POWERstation 320:		
	AIXCMW Version 3.2		
	Features Tested:		
	Level 2 ANSI SQL	•	
	Integrity Enhancement Option		
	FIPS Sizing Defaults		
	FIPS Flagger		
Software AG	ADABAS SQL Server	Embedded C	10 C
	Version 1.1;	ADABAS V. 1.2	
	NIST-93/7201;	HP C V. A.08.17	
	12/31/94;		
	HP 9000/817;		
	HP/UX A.08.02		
	Features Tested:		
	Level 2 ANSI SQL		•
	FIPS Sizing Defaults		
	FIPS Flagger		
	4040400040	5	
	ADABAS SQL Server	Embedded COBOL	10 COBOL
	Version 1.1;	ADABAS V. 1.2	
	NIST-93/7202;	HP Micro Focus	
	12/31/94;	COBOL/2, V. 1.1 Rev. 002	
	HP 9000/817;		
	HP/UX A.08.02		
	Features Tested:		
	Level 2 ANSI SQL		
	FIPS Sizing Defaults FIPS Flagger		

SQL PROCESSORS, Continued

SQL -Registered Reports

			Hegistered H
VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS	INTERFACES & COMPILERS 3.	OTHER HW/SW ENVIRONMENTS; NONCONFORMITIES
	ADABAS SQL Server Version 1.1; NIST-93/7203; 12/31/94; Hitachi HDS/EX90; MVS/ESA V. 4.2.2 Features Tested: Level 2 ANSI SQL FIPS Sizing Defaults FIPS Flagger	Embedded COBOL ADABAS V. 5.3 COBOL II, V.3.2	10 COBOL



4. GRAPHICS CONFORMANCE TESTING

4.1 FIPS GKS Standard

The Graphical Kernel System (GKS) is a two-dimensional graphics tool box which provides for the display and manipulation of pictures and graphical input from the operator. The purpose of GKS is to promote portability of graphics applications for use on a variety of graphics workstations. It provides a functional interface between an application program and a configuration of graphical devices. The interface is at such a level of abstraction that hardware peculiarities are shielded from the application program.

FIPS PUB 120-1, GKS, is the first Federal Information Processing Standard Publication (FIPS PUB) registered for computer graphics systems. In accordance with FIPS PUB 120-1, two-dimensional graphics toolbox packages acquired for Federal use after November 3, 1986 should implement FIPS GKS. Conformance testing of GKS implementations protects Federal investment by ensuring adherence to the graphics standard. FIPS PUB 120-1 requires that GKS implementations offered to Federal agencies be tested using the NIST Test Suite to ensure that a particular implementation meets the specifications of the FIPS. The GKS Validation Test Suite (Fortran) is available from:

Ms. Susan Sherrick National Institute of Standards and Technology Building 225, Room A266 Gaithersburg, MD 20899 (301) 975-3268

4.1.1 Organization of GKS Entries

The entries in the VPL for GKS implementations are presented as follows:

- The VENDOR ID column contains the name of the Vendor of the implementation.
- The GKS NAME column contains the name of the implementation, its version number, the VSR number, and the Expiry date of the certificate of validation.
- The HARDWARE & OP. SYSTEM column presents the hardware and operating system environment used during the validation.
- The GRAPHICS DEVICES column includes the graphics devices that were validated.
- The GKS LEVEL column indicates the level of GKS that was validated.
- The entries in the OTHER HW/OS column include other hardware and operating system environments in which the processor operates.
- The NONCONFORMITIES column indicates whether or not the GKS implementation conforms to the applicable FIPS in one or more cases as evidenced by the validation. The VSR should be reviewed for details of the nonconformities.

4.2 FIPS PHIGS Standard

PHIGS stands for Programmer's Hierarchical Interactive Graphics System. PHIGS is a system for interactive 3-dimensional (3D) graphics applications that provides programmers with a set of features enabling them to manipulate and display complex 3D objects. It is called hierarchical because the complex objects can be built up from simpler objects. PHIGS also provides a rich set of facilities for real-time interaction with the user. While it borrows many concepts from the Graphical Kernel System (GKS) standard, it also introduces many new features, such as a "graphics data base" (the centralized structure store), and support for modeling and viewing.

In accordance with FIPS PUB 153, (PHIGS), 3D graphics packages acquired for Federal use should implement FIPS PHIGS. Conformance testing of PHIGS implementations protects Federal investment by ensuring adherence to the graphics standard. FIPS PUB 153 requires that PHIGS implementations offered to Federal agencies be tested using the NIST PVT (PHIGS Validation Tests) test suite. The test suite ensures that a particular implementation meets the specifications set forth in the FIPS. The PHIGS PVT test suite is available from:

Project Leader, PHIGS Validation Tests National Institute of Standards and Technology Computer Systems Laboratory Bldg. 225, Room A-266 Gaithersburg, MD 20899 phone: (301) 975-3265 e-mail: phigs@speckle.ncsl.nist.gov

4.2.1 Organization of PHIGS Entries

The entries in the VPL for PHIGS implementations are as follows:

- The VENDOR column contains the name of the vendor of the implementation.
- The PHIGS name column contains the name of the implementation, its version number, the Validation Summary Report (VSR) number, and the expiry date of the certification of validation.
- The HARDWARE & OP.SYSTEM column presents the hardware and operating system environment used during the validation.
- The GRAPHICS DEVICES column includes the graphics devices that were validated.
- The entries in the REGISTERED ENVIRONMENTS HW/OS column includes registered hardware and operating systems for the implementation tested. The vendor of the implementation has certified that the identified processor, when operating under the environments included in this column, produces the same test results exhibited during the validation. Test results and other information from these environments may be required as evidence for entries to be included in this column.
- The NONCONFORMITIES column indicates whether or not the PHIGS implementation conforms to the FIPS in one or more cases as evidenced by the validation. The VSR should be reviewed for more details of the nonconformities.

4.3 FIPS CGM Standards

The FIPS 128-1, Computer Graphics Metafile (CGM) is a data interchange standard for the storage and retrieval of picture information in a device independent manner. The purpose of the CGM is to facilitate the transfer of graphical information among different computer systems, devices and/or applications.

The FIPS 128-1 requires the use of a CGM application profile. In particular, the Military Specification MIL-D-28003A, commonly known as the CALS CGM profile, is required for Federal government applications when the representation of graphical information in digital form is to be used in technical illustrations and publications, or when the use of a general-purpose, graphical interchange mechanism is required.

NIST offers two CGM Test Services: metafile testing and generator testing. The purpose of the Test Services is to determine the degree to which the metafile or CGM generator conforms to the FIPS 128-1 and the CALS profile. Presently, the Test Service addresses only CGM Version 1.

4.3.1 CGM Test Labs and Test Suite

CGM Validation Testing is available from the National Institute of Standards and Technology through its Computer Systems Laboratory (NIST/CSL).

National Institute of Standards and Technology CGM Test Service Building 225, Room A266 Gaithersburg, MD 20899 (301) 975-3265

The CGM Validation Test Software is based on CTS/Metacheck, version 2.10 and is available for purchase from

CGM Technology Software 1527 Route 12, Box 648 Gales Ferry, CT 06335 (203) 464-2623

4.3.2 Certificate of Validation

For metafile testings, a certificate of validation is issued for those CGM files that have been tested and are in compliance with the FIPS 128-1 and MIL-D-28003A. Conformance of a metafile does NOT necessarily imply conformance of the CGM generator, CGM interpreter, or other CGMs created on the same hardware and software platform.

For generator testing, a certificate of validation is issued for a CGM generator that has been tested and is in compliance with the FIPS 128-1 and MIL-D-28003A.

4.3.3 Validated Metafiles

The metafiles presented in Section 4.6 have been tested for conformity with FIPS PUB 128 or MIL-D-28003. Each entry in the VPL is a very limited extract from the Validation Summary Report (VSR) available from NIST/CSL.

4.4 Raster Graphics Standards

FIPS PUB 150 adopts EIA-538 which defines the facsimile coding schemes and their control functions for Group 4 facsimile apparatus, i.e., ITU-T (formerly CCITT) Recommendation T.6. It defines a standard compression algorithm (T.6 - Group 4) suitable for the storage, retrieval, and interchange of raster graphics images.

Military Specification MIL-R-28002 specifies the structure and encoding of raster data files to be delivered to the government. It specifies the use of the standard compression algorithm defined in FIPS PUB 150. It also specifies the use of standard file headers which are defined in MIL-STD-1840. MIL-STD-1840 standardizes the format and structure of digital technical data files for the purpose of interchange between organizations or systems.

4.4.1 Certificate of Validation

The Raster Graphics Validation Test Service tests an implementation's capability of both receiving and generating raster graphics data conforming to the specifications in FIPS PUB 150 and MIL-R-28002.

A certificate of validation is issued for an implementation that passes the validation test and conforms to FIPS PUB 150 and MIL-R-28002.

4.4.2 Information Pack

Upon request, a Raster Graphics Validation Test Information Pack is available from:

National Institute of Standards and Technology (NIST)
Computer Systems Laboratory
Raster Graphics Validation Test Service
Technology Building, Room A266
Gaithersburg, MD 20899
Telephone (301) 975-3265

4.5 GKS IMPLEMENTATIONS

VENDOR	GKS NAME; EXPIRY DATE; VSR #; LEVEL	HARDWARE; OPERATING SYSTEM	GRAPHICS DEVICES; REGISTERED ENVIRONMENTS
Advanced Technology Center	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/967; Level 2c	NCR 3450; Unix System V Release 4	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/968; Level 2c	NCR 3550; Unix System V Release 4	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/969; Level 2c	IBM RS6000 Model 220; AIX 3.2	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/970; Level 2c	IBM RS6000 Model 530H; AIX 3.2	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/971; Level 2c	HP-9000/817; HP-UX 8.08	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/972; Level 2c	HP-9000/827; HP-UX 8.02	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);
	GRAFPAK-GKS Release 4.0; 12/1/94; NIST/NCC-92/974; Level 2c	Sun Sparcstation 1; Solaris 2.1	X Window System V11 PostScript Portrait Oriented Workstation (using QMS PS 810 Laser Printer);

4.6 COMPUTER GRAPHICS METAFILES

CLIENT	VSR # & DATE; #CGM Submitted/Conforming	CGM/SIZE/DATE; GENERATOR	PLATFORM (As reported by Vendor)
Interleaf, Inc El Segundo, CA	NIST-M-92/003-001 9/2/92; 1/1	asg.cgm 8880 8/31/92; Interleaf Inc MDL/G	Interleaf 5 v5.3, HP9000/700, HP UX v8.07
IBM Corporation Federal Sector Division Oswego, NY	NIST-M-92/005-002 10/28/92; 5/5	gcgm_i220.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	IBM RS6000 Model 220, AIX 3.2
CSW6GO, IVI		gcgm_i530.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	IBM RS6000 Model 530, AIX 3.2
		gcgm_n345.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	NCR 3450, NCR UNIX SVR4
		gcgm_n355.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	NCR 3550, NCR UNIX SVR4
		gks_i530.cgm 23680 10/27/92; GRAFPAK-GKS 4.0	IBM RS6000 Model 530, AIX 3.2
ESRI Boulder CO	NIST-M-93/006-003 1/26/93: 5/5	sun.cgm 181680 1/19/93; ARC/INFO	SUN SparcStation, Sun OS 4.1.3
		ibm.cgm 181680 1/19/93; ARC/INFO	IBM RS6000, AIX 3.2
		dg.cgm 181680 1/19/93; ARC/INFO	Data General AViiON, DG/UX 5.4.1
		dec.cgm 181680 1/19/93; ARC/INFO	DecStation 5000, ULTRIX 4.2a
		sgi.cgm 181680 1/19/93; ARC/INFO	Silicon Graphics Indigo, IRIX 4.0.2
EDS Herndon, VA	NIST-M-93/007-004 1/29/93; 3/3	demo5.cgm 13280 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1
•		demo7.cgm 5360 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1
		demo8.cgm 3840 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1

4.7 PHIGS APPLICATIONS

No entries at this time.



5. U.S. GOSIP TESTING PROGRAM REGISTER DATABASE SYSTEM (GRD)

5.1 Description

The United States Government Open Systems Interconnection Profile (GOSIP) Testing Program was defined to assist Federal Agencies in assuring conformance to the GOSIP Standard. Testing for conformance to the Open Systems Interconnection (OSI) standards and for interoperability with other OSI implementations is available.

NISTIR 4594, "GOSIP Conformance and Interoperation Testing and Registration" establishes the framework for the establishment of registers for Test Suites, Test Systems (Means of Testing), Conformance Testing Laboratories, and Interoperability Testing Services.

5.2 U.S. GOSIP Register Database (GRD)

The U.S. GOSIP Register Database (GRD) is an online database facility developed by NIST. It provides up-to-date reference information for the following list of registers:

- 1. U.S. GOSIP Abstract Test Suites (ATS).
- 2. Assessed Means of Testing (MOT).
- 3. NVLAP Accredited Test Laboratories.
- 4. Conformance Tested GOSIP Products.
- 5. Interoperability Test Suites (ITS) for OSI Products.
- 6. Reference Entities for Means of Testing Assessment(s).
- 7. Interworking GOSIP Products.
- 8. Interoperability Test and Registration Services.

5.3 How To Access the GOSIP Register Database (GRD)

The GOSIP register files available for downloading are now located a different host. These files are available via anonymous ftp over the internet from:

Host Name: huachuca-jitcosi

IP Address: 138.27.7.2

Files are available in both ASCII (.ask) and WordPerfect 5.1 (.w51) formats. Just login with "anonymous" and use your internet address for the password. For .w51 files, binary transfer is required.

For any questions, problems or comments dealing with the GRD or the U.S. GOSIP Testing Program please contact:

Ken Thomas
Joint Interoperability Test Center - TCBB
Fort Huachuca, AZ 85613-7020
(602) 538-5170
e-mail: C3A-TCB@huachuca-EMH2.army.mil

5.4.1 REGISTER OF CONFORMANCE TESTING LABORATORIES

Lab Code:

Control Data Corporation, OSI Accredited Test Center

4201 North Lexington Avenue Arden Hills, MN 55126-6198 Contact: Ronald D Swan

Tel: (612) 482-6257

Fax: (612) 482-3616

Registration Type: FULL Registered Until: 01-JUL-95

Scope of Registration:

X.400-1984 MHS: P2/P1/RTS/(Session), CCITT X.400-1988 MHS: P2/P1/RTSE/ACSE/Presentation(Session), TP4, TP2/TP0, CLNP,

X.25:PLP/HDLC LAP-B

Lab Code: 0357

Lab: National Computing Centre Limited

Oxford Road Manchester M17ED United Kingdom

Contact: A. E. J. Pink

Tel: +44 61 228 6333 Fax: +44 61 236 4715

Registration Type: FULL Registered Until: 01-JUL-95

Scope of Registration:

FTAM/ACSE/Presentation(Session), X.400-1984 MHS:

P2/P1/RTS/

(Session), CCITT X.400-1988 MHS: P2/P1/RTSE/ACSE/ Presentation(Session), ITU-T X.500-1988 DS: DS/DAP, Session, TP4, TP2/TPO, CLNP, X.25: PLP/HDLC LAP-B

Lab Code: 0364

Lab: CDA, incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603

Contact: Kevin P Murray

Tel: (703) 821-1858 Fax: (703) 821-9859

Registration Type: FULL Registered Until: 01-JUL-95

Scope of Registration:

FTAM/ACSE/Presentation/(Session), X.400-1984 MHS:

P2/P1/RTS/

(Session), TP4, TP2/TP0, CLNP, X.25: PLP/HDLC LAP-B

Lab Code: 0365

Lab: Hewlett-Packard Company, OSI Conformance Test Center

19420 Homestead Road, MS 43UJ

Cupertino, CA 95014-9810

Contact: Murali Subbarao

Tel: (408) 447-2822

Fax: (408) 447-2697

Email: murali@hpinddf.cup.hp.com

Registration Type: FULL

Registered Until: 01-JUL-95

Scope of Registration:

FTAM/ACSE/Presentation(Session), X.400-1984 MHS: P2/P1/

RTS(Session), Session, TP4, TP2/TP0, CLNP

Lab Code: 0367

Lab: UNISYS - Open Systems Interconnection Laboratory

P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

Contact: Carsten Gardan

Tel: (215) 993-6157

Fax: (215) 993-7425

Registration Type: FULL

Registered Until: 01-JUL-95

Scope of Registration:

FTAM/ACSE/Presentation(Session), X.400-1984 MHS:

P2/P1/RTS/

(Session), TP4, TP2/TP0, CLNP, ES-IS, X.25:PLP/HDLC LAP-B

Lab Code: 0370

Lab: Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Contact: Attila Tuncer

Tel: +33 1 76 3976 02

Fax: +33 1 76 3977 02

Email: a.tuncer@frec.bull.fr

Registration Type: FULL Registered Until: 01-OCT-94

Scope of Registration: X.25:PLP/HDLC LAP-B

Lab Code: 0371

Lab: Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact: Sanjay P Lokare

Tel: (510) 484-5674

Fax: (510) 484-4078

Registration Type: FULL

Registered Until: 01-OCT-94

Scope of Registration:

FTAM/ACSE/Presentation, X.400-1984 MHS: P2/P1/RTS

(Session).

Session, TP4, TP2/TP0, CLNP, X.25: PLP/HDLC LAB-B

Lab Code: 0385

Lab: Dept of Defense, Joint Interoperability Test Center

ATTN: TCDBA, Building 57305 Fort Huachuca, AZ 85613-7020 Contact: Kenneth Thomas

Tel: (602) 538-5170 Fax: (602) 538-4375

Email: ThomasK@cc.ims.disa.mil

Registration Type: FULL Registered Until: 01-APR-95

Scope of Registration:

FTAM/ACSE/Presentation(Session) X.400-1984 MHS:

P2/P1/RTS/

(Session), TP4, TP2/TP0, CLNP, X.25:PLP/HDLC LAP-B

Lab Code: 0392

Lab: IBM Rome Networking Systems Laboratory

Via Paolo Di Dono 44 00143 Rome Italy

Contact: Alberto Sinibaldi

Tel: 39 6 5966-2281 Fax: 39 6 5966-2467

Email: Sinibald@romeppc.vnet.ibm.com

Registration Type: FULL Registered Until: 01-OCT-94

Scope of Registration:

FTAM/ACSE/Presentation(Session), X.400-1984 MHS:

P2/P1/RTS/

(Session), Session, TP4, TP2/TP0, CLNP, CCITT X.25:

PLP/HDLC LAP-B, X.25 LAP-B

Lab Code: 0394

Lab: Telecommunications Laboratories Test Center

P.O. Box 71

Chung-Li, 320 Taiwan

Contact: Ching-Sung Lu

Tel: +886 3 424-4377 Fax: +886 3 490-4464

Registration Type: FULL Registered Until: 01-OCT-94

Scope of Registration:

X.400-1984 MHS: P2/P1/RTS/(Session),

FTAM/ACSE/Presentation

(Session), Session, TP4, TP2/TP0, CLNP

5.4.2 REGISTER OF APPROVED US GOSIP MOT VALIDATION LABORATORIES

Lab Code: 0385

Lab: Dept of Defense, Joint Interoperability Test Center

ATTN: TCDBA, Building 57305 Fort Huachuca, AZ 85613-7020

Contact: Kenneth Thomas

Tel: (602) 538-5170 Fax: (602) 538-4375

Email: Thomas K@cc.ims.disa.mil

Type of Lab: MOT Calib

Register Type: Full

Expires: 01-MAR-96

Scope: FTAM/ACSE/Presentation (Session), Session, TP4, TP2,

TP0, CLNP, 8802-2/8802-3, X.25, PLP/HDLC, LAP-B,

MHS

Comments:

Lab Code: N/A 77.90/01

Lab: ACERLI
5 Voie Verte

92260 Fontenay-aux-Ros France

Contact: J-P Baconnet Tel: +33 1 46 38 35 08

Fax: +33 1 4638 8205

Type of Lab: MOT Calib

Register Type: Full

Expires: 01-MAR-96

Scope: FTAM, MMS, 8804-4

Comments:

5.4.3 GOSIP REGISTER DATABASE: CONFORMANCE TESTED PRODUCTS

Product Code/Type: P-001 WAN Product ID: 173 Supplier: 000092 ALCATEL Data Networks, Inc. 12502 Sunrise Valley Drive Reston, VA 22096 K. Trumble Contact: Tel: (703) 689-6287 GOSIP Product: TP8000 Network Release 6 Version/Release: Release 6 Release Date: 08-JUN-93 Additional Info: Registration: FULL, GOSIP Version 2 /registered 19-JUL-93 Date: Reason for Removal: Rasis RASE Base Products: n/a Tested Hardware/Operating System Platforms: H/W: TP8000 O/S: Network Release 6 Claimed Compatibility Hardware/Software Platforms: Connectivity: 0090 RS-232C Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:2-2 AND ATS:2-1 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 174 Supplier: 000092 ALCATEL Data Networks, Inc. 12502 Sunrise Valley Drive Reston, VA 22096 Contact: K. Trumble Tel: (703) 689-6287 TP4900/LPM Network Release 6 GOSIP Product: Version/Release: Release 6 Release Date: 08-JUN-93 Additional Info: Registration: FULL, GOSIP Version 2 /registered Date: 19-JUL-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: H/W: TP4900/LPM O/S: Network Release 6 Claimed Compatibility Hardware/Software Platforms: Connectivity: V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-2 AND ATS:2-1

Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: Supplier: 000092 ALCATEL Data Networks, Inc. 12502 Sunrise Valley Drive Reston, VA 22096 Contact: K. Trumble Tel: (703) 689-6287 TP4900/TCP/CF Network Release 6 GOSIP Product: Version/Release: Release 6 Release Date: 08-JUN-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 19-JUL-93 Reason for Removal: Racis: RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0157 H/W: TP4900/TCP/CF O/S: Network Release 6 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V 35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:2-2 AND ATS:2-1 ATS Used Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 000013 Supplier: AT & T Computer Systems 307 Middletown - Lincroft Road Lincroft, NJ 07738 Contact: Reginald Lewis Tel: (908) 898-6005 Fax: (908) 898-3717 GOSIP Product: A.T. & T. X.25 Network Interface Product Version/Release: Release 2.0 Release Date: 01-JAN-91 Additional Info: PROV, Grndfthrd, V1->V2/registered Registration: 09-APR-91 Date: Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 RS-232C, V.35, X.21bis Connectivity: 0001 Underlying Product: Underlying Stack: None Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS Used: Conformance Lab: 0363 Corporation for Open Systems International Test Center 8260 Willow Oaks Corp Drive, Suite 700 Fairfax, VA 22031 **USA**

Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 93 Supplier: 000053 Supplier: 000053 Bull Information Systems Incorporated Bull Information Systems Incorporated 13430 North Black Canyon Highway 13430 North Black Canyon Highway Phoenix, AZ 85029 Phoenix, AZ 85029 Contact: Bill George Contact: Bill George Tel: (602) 862-6008 Tel: (602) 862-6008 Fax: (602) 862-6105 Tax: (602) 862-6105 GOSIP Product: DPX/2 B.O.S. (Stack B) **DATANET DCP 7500** GOSIP Product: Version/Release: Ver B.O.S. 2 Version/Release: DNS Ver 4 U1 Release Date: 01-OCT-92 Release Date: 01-JAN-92 Additional Info: Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Registration: PROV, Grndfthrd, V1-> V2/registered Date: 13-NOV-92 Date: 13-NOV-92 Reason for Removal: Reason for Removal: Basis: **BASE** Basis: **BASE** Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0084 Tested Hardware/Operating System Platforms: 0086 DPX/2 200 with MTB board, O/S B.O.S. 2 DCP 7500 O/S DNS Ver 4 Update 1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 Connectivity: 0005 RS-232C RS-232C Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] (CCITT 1984) X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 ATS Used: Conformance Lab: 0370 ATS:1-1 and ATS:1-2 Conformance Lab: 0370 Conformance Expert Center for OSI Bull - CECOB Conformance Expert Center for OSI Bull - CECOB 1 Rue de Provence, BP 208 1 Rue de Provence, BP 208 38432 Echirolles France 38432 Echirolles France Product Code/Type: P-001 WAN Product ID: 176 Product Code/Type: P-001 WAN Product ID: 92 Supplier: 000094 Supplier: 000053 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Bull Information Systems Incorporated 13430 North Black Canyon Highway Menlo Park, CA 94026-1435 Phoenix, AZ 85029 William Miskovetz Contact: Contact: Bill George Tel: (415) 688-4682 Tel: (602) 862-6008 Fax: (415) 688-4575 Fax: (602) 862-6105 GOSIP Product: AGS+/3 X.25 Version 2.0 GOSIP Product: DPX/2 B.O.S. (Stack B) Version/Release: Version 2.0 Version/Release: Ver B.O.S. 2 Release Date: 13-JUL-93 Release Date: 01-OCT-92 Additional Info: Additional Info: Registration: FULL, GOSIP Version 2/registered Registration: PROV, Grndfthrd, V1->V2/registered Date: 02-AUG-93 Reason for Removal: 13-NOV-92 Date: Reason for Removal: BASE Basis: Basis: BASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0158 Tested Hardware/Operating System Platforms: 0085 H/W: AGS+/3 DPX/2 200 with ECP Board, O/S B.O.S. 2 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 Connectivity: 0089 RS-232C V 35 Underlying Stack: None Underlying Stack: None Underlying Product: Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS:2-2 AND ATS:2-1 ATS Used: ATS Used: Conformance Lab: 0364 Conformance Lab: 0370 Conformance Expert Center for OSI Bull - CECOB CDA, Incorporated 1 Rue de Provence, BP 208 8301 Greensboro Drive, #350

McLean, VA 22102-3603

38432 Echirolles France

Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 177 179 000094 Supplier: Supplier: 000094 Cisco Systems Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Menlo Park, CA 94026-1435 Contact: William Miskovetz Contact: William Miskovetz Tel: (415) 688-4682 Tel: (415) 688-4682 Fax: (415) 688-4575 Fax: (415) 688-4575 GOSIP Product: AGS+/4 X.25 Version 2.0 CGS/4 X.25 Version 2.0 GOSIP Product: Version/Release: Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Release Date: 13-JUL-93 Additional Info: Additional Info: FULL, GOSIP Version 2/registered Registration: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 02-AUG-93 Date: Reason for Removal: Reason for Removal: BASE Basis. RASE Racic. Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0164 Tested Hardware/Operating System Platforms: 0160 H/W: AGS+/4 H/W: CGS/4 O/S: gs3-k 9.1(30) O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 Connectivity: 0089 V.35 V.35 Underlying Stack: None Underlying Stack: None Underlying Product: Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-2 AND ATS:2-1 ATS Used: ATS:2-2 AND ATS:2-1 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 178 000094 Supplier: 000094 Supplier: Cisco Systems Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Menlo Park, CA 94026-1435 William Miskovetz Contact: William Miskovetz Contact: Tel: (415) 688-4682 Tel: (415) 688-4682 Fax: (415) 688-4575 Fax: (415) 688-4575 GOSIP Product: IGS/R X.25 Version 2.0 GOSIP Product: CGS/3 X.25 Version 2.0 Version/Release: Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Release Date: 13-JUL-93 Additional Info: Additional Info: Registration: FULL, GOSIP Version 2 Registration: FULL, GOSIP Version 2/registered /registered 02-AUG-93 Date: Date: 02-AUG-93 Reason for Removal: Reason for Removal: Basis: **BASE** Basis: BASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0161 Tested Hardware/Operating System Platforms: 0159 H/W: IGS/R H/W: CGS/3 O/S: igs-kr 9.1(30) O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 Connectivity: 0089 V.35 V 35 Underlying Product: Underlying Stack: None Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS:2-2 AND ATS:2-1 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: Conformance Lab: 0364 ATS Used: ATS:2-2 AND ATS:2-1 CDA, Incorporated Conformance Lab: 0364 8301 Greensboro Drive, #350 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350

Product Code/Type: P-001 WAN Product ID: 181	Product Code/Type: P-001 WAN Product ID: 221
Supplier: 000094	Supplier: 000122
Cisco Systems	Cisco Systems
1525 O'Brien Drive, P.O. Box 3075	1525 O'Brien Drive P.O. Box 3075
Menlo Park, CA 94026-1435	Menlo Park, CA 94026-1435
Contact: William Miskovetz	Contact: William Miskovetz
Tel: (415) 688-4682	Tel: (415) 688-4682
Fax: (415) 688-4575 GOSIP Product: MGS/3 X.25 Version 2.0	Fax: (415) 688-4575 GOSIP Product: CISCO 4000 X.25 Version 2.0
Version/Release: Version 2.0	Version/Release: Version 2.0
Release Date: 13-JUL-93	Release Date: 14-MAR-94
Additional Info:	Additional Info: None
Registration: FULL, GOSIP Version 2/registered	Registration: FULL, GOSIP Version 2/registered
Date: 02-AUG-93	Date: 24-FEB-94
Reason for Removal:	Reason for Removal:
Basis: BASE	Basis: BASE
Base Products: n/a	Base Products: n/a
Tested Hardware/Operating System Platforms: 0162	Tested Hardware/Operating System Platforms: 0188
H/W: MGS/3	CISCO 4000
O/S: gs3-k 9.1(30)	CISCO O/S 9.21C
Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090	laimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089
RS-232C	V.35
Underlying Stack: None Underlying Product:	Underlying Stack: None Underlying Product:
Protocols and Profiles: 0001	Protocols and Profiles: 0001
X.25 PLP/X.25 LAP-B	X.25 PLP/X.25 LAP-B
X.25 PLP [ISO 8208:1990] {CCITT 1984}	X.25 PLP [ISO 8208:1990] {CCITT 1984}
X.25 LAP-B [ISO 7776:1986] {CCITT 1984}	X.25 LAP-B [ISO 7776:1986] {CCITT 1984}
ATS Used: ATS:2-2 AND ATS:2-1	ATS Used: ATS:2-1 & ATS:2-2
Conformance Lab: 0364	Conformance Lab: 0364
CDA, Incorporated	CDA, Incorporated
8301 Greensboro Drive, #350	8301 Greensboro Drive, #350
McLean, VA 22102-3603	McLean, VA 22102-3603
Product Code/Type: P-001 WAN Product ID: 182	
Product Code/Type: P-001 WAN Product ID: 182 Supplier: 000094	Product Code/Type: P-001 WAN Product ID: 234
Supplier: 000094	
• •	
Supplier: 000094 Cisco Systems	Supplier: 000129
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075	Supplier: 000129 Cisco Systems
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax:
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info:	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed.
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal:	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed.
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal:
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product:	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984}	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984}
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984}	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984}
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984}	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-1 & ATS:2-2
Supplier: 000094 Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 688-4682 Fax: (415) 688-4575 GOSIP Product: MGS/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: 02-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0163 H/W: MGS/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 RS-232C Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-2 AND ATS:2-1	Supplier: 000129 Cisco Systems 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: William Miskovetz Tel: (415) 326-1941 Fax: GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. Vendor claims hardware compatibility as listed. Registration: FULL, GOSIP Version 2/registered Date: 10-MAR-94 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0197 H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 V.35 Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984}

McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: 236 Product Code/Type: P-001 WAN Product ID: 31 Supplier: 000129 Supplier: 000029 Cisco Systems Control Data Corporation 1525 O'Brien Drive P.O. Box 3075 4201 North Lexington Avenue Menlo Park, CA 94026-1435 Arden Hills, MN 55126-6198 William Miskovetz Contact: Contact: Ronald Swan Tel: (415) 326-1941 Tel: (612) 482-6527 Fax: (612) 465-4996 Far: CISCO 3104 X.25 Version 2.0 GOSIP Product: GOSIP Product: CDCNET Version/Release: Version 2.0 Version/Release: Ver 1.6.1 L780A Release Date: 17-JAN-94 Release Date: 01-MAR-92 Additional Info: Tested hardware platform is CISCO 3104. Vendor Additional Info: claims hardware compatibility as listed. Registration: PROV, Grndfthrd, V1->V2/registered Registration: FULL, GOSIP Version 2/registered Date: 30-JAN-92 Reason for Removal: 16-MAR-94 Date: Reason for Removal: Basis: BASE Basis. BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0046 Base Products: n/a Tested Hardware/Operating System Platforms: 0198 CDCNET Device Interface H/W: CISCO 3101, 3102, & 3104 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0024 RS-232C, X.21 Connectivity: 0089 V.35 Underlying Stack: None Underlying Product: Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 ATS Used: ATS:2-1 & ATS:2-2 Conformance Lab: 0354 Control Data Corporation, Conformance Lab: 0364 CDA, Incorporated OSI Accredited Test Center 8301 Greensboro Drive, #350 4201 North Lexington Avenue McLean, VA 22102-3603 Arden Hills, MN 55126-6198 Product Code/Type: P-001 WAN Product ID: 254 Supplier: 000129 Product Code/Type: P-001 WAN Product ID: 40 000036 Cisco Systems Supplier: 1525 O'Brien Drive P.O. Box 3075 Data General Corporation 4400 Computer Drive, MS/D216 Menlo Park, CA 94026-1435 Contact: William Miskovetz Westboro, MA 01580 Tel: (415) 326-1941 Contact: Charles Stakus Tel: (508) 870-6392 GOSIP Product: CISCO 2501 X.25 Version 2.0 Version/Release: Version 2.0 Fax: (508) 898-4694 Release Date: 14-MAR-94 GOSIP Product: X.25 for AViiON Systems Additional Info: Version/Release: Rel 2.20 Release Date: 01-FEB-92 Registration: FULL, GOSIP Version 2/registered Date: 27-IIIN-94 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Reason for Removal: Basis: BASE 18-FEB-92 Date: Base Products: N/A Reason for Removal: Tested Hardware/Operating System Platforms: 0214 BASE Rasis. H/W: CISCO 2501 Base Products: n/a O/S: CISCO O/S 9.21 Tested Hardware/Operating System Platforms: 0053 Claimed Compatibility Hardware/Software Platforms: 0226 AViiON 5000/6000 Series DG/UX System for AViiON Systems Rev. 5.4.1 CISCO 2502, CISCO 2503, and CISCO 2504 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 Connectivity: 0005 RS-232C V.35 Underlying Product: Underlying Stack: None Underlying Stack: None Underlying Product: N/A Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-1 and ATS:2-2 ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0363 Conformance Lab: 0364 Corporation for Open Systems CDA, Incorporated International Test Center 8301 Greensboro Drive, #350 8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Supplier:

204

Product Code/Type: P-001 WAN Product ID:

Digital Equipment Corp

000005

100

Product Code/Type: P-001 WAN Product ID:

Data General Corporation

000107

Supplier:

4400 Computer Drive 550 King Street Westboro, MA 01580 Littleton, MA 01460-1289 Contact: Peter Conway Contact: Richard Duhamel Tel: (508) 898-5000 Tel: (508) 486-5021 Fax: (508) 486-7417 Fax: (508) 898-4212 GOSIP Product: X.25 for AViiON Systems Email: duhamel@woof.enet.dec.com Version/Release: Version 2.40 GOSIP Product: VAX Packetnet System Interface for Release Date: 01-OCT-93 DECnet-VAX (TM) Additional Info: Vendor claims support of 1988 X.25. Version/Release: Ver 5.4 Extensions Registration: FULL, GOSIP Version 2/registered Release Date: 01-SEP-91 Date: 29-NOV-93 Additional Info: None PROV, Grndfthrd, V1->V2/registered Reason for Removal: Registration: Basis: 26-JAN-93 Reason for Removal: BASE Date: Base Products: n/a Base Products: n/a Basis: **BASE** Tested Hardware/Operating System Platforms: 0240 Tested Hardware/Operating System Platforms: 0112 MicroVAX 3800 with DSV11-SA Card VMS Ver 5.4 H/W: AV8500 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 0022 X.25 LAP-B/X.21bis Claimed Compatibility Hardware/Software Platforms: 0241 Connectivity: Underlying Stack: VAX Wide Area Network Device Drivers for H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, DECnet-VAX(TM) Ver 5.4 Extensions AV8000, AV8500, AV9000 Connectivity: 0090 RS-232C Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0040 X.25 PLP [ISO 8208:1990] {CCITT 1984} Protocols and Profiles: 0001 ATS:1-1 and ATS:1-2 X.25 PLP/X.25 LAP-B ATS Used: X.25 PLP [ISO 8208:1990] {CCITT 1984} Conformance Lab: 0362 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Digital Equipment Corporation, OSI Conformance ATS Used: ATS 2-2 and ATS 2-1 Interoperability Test Center Conformance Lab: 0364 550 King Street, MS LKG2A/R5 CDA, Incorporated Littleton, MA 01460-1289 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 140 -Supplier: 000005 Product Code/Type: P-001 WAN Product ID: Digital Equipment Corp 242 000107 550 King Street Supplier: Littleton, MA 01460-1289 Data General Corporation 4400 Computer Drive Contact: Richard Duhamel Westboro, MA 01580 Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com Contact: Peter Conway Tel: (508) 898-5000 Fax: (508) 898-4212 DEC X.25 for ULTRIX GOSIP Product: GOSIP Product: X.25 for AViiON Systems Version/Release: Ver 1.0 Release Date: 01-MAR-93 Version/Release: Version 3.00 Release Date: 01-APR-94 Additional Info: None Additional Info: Tested HW platform is AViiON AV8500. Vendor PROV, Grndfthrd, V1->V2/registered Registration: 19-MAR-93 Reason for Removal: claims HW compatibility as listed and support of 1988 CCITT Date: X.25. Base Products: n/a Basis: BASE FULL, GOSIP Version 2/registered Tested Hardware/Operating System Platforms: 0131 Registration: Date: 11-APR-94 Reason for Removal: MicroVAX/VAXstation 3000 Series BASE Base Products: 242 DEC ULTRIX Ver 4.2 Basis: Tested Hardware/Operating System Platforms: 0200 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: AViiON AV500, AVV4000, AV5000, AV6000, AV7000, Connectivity: 0022 AV8000, AV8500, & AV9000 X.25 LAP-B/X.21bis O/S: DG/UX System for AViiON Computers, Revision 5.4R3.00 DEC Wide Area Device Drivers for ULTRIX Ver Underlying Stack: Claimed Compatibility Hardware/Software Platforms: 0001 2.0 01-MAR-92 Connectivity: 0005 RS-232C Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0040 Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B ATS Used: ATS:1-1 and ATS:1-2 X.25 PLP [ISO 8208:1990] {CCITT 1984} Conformance Lab: 0362 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Digital Equipment Corporation, OSI Conformance ATS Used: ATS:2-1 & ATS:2-2 Interoperability Test Center Conformance Lab: 0364 550 King Street, MS LKG2A/R5 CDA, Incorporated Littleton, MA 01460-1289 8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: 147 Supplier: 000005 000005 Supplier: Digital Equipment Corp Digital Equipment Corp 550 King Street 550 King Street Littleton, MA 01460-1289 Littleton, MA 01460-1289 Richard Duhamel Contact: Contact: Richard Duhamel Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com GOSIP Product: VAX Wide Area Networks Device Driver for GOSIP Product: DECnet-VAX (TM) (Data Link Layer) Version/Release: Ver 5.4 Extensions Release Date: 01-SEP-91 Additional Info: Registration: Registration: PROV, Grndfthrd, V1->V2/registered Date: 26-JAN-93 Date: Rasis: Reason for Removal: Rasis. RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0112 MicroVAX 3800 with DSV11-SA Card VMS Ver 5.4 800 AXP Workstations Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Connectivity: 0070 RS232 0128 X.21bis Underlying Stack: N/A Underlying Stack: None Underlying Product: Protocols and Profiles: 0070 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS Used: ATS:1-1 and ATS:1-2 ATS:2-1 & ATS:2-2 Conformance Lab: 0362 Conformance Lab: 0357 Digital Equipment Corporation, OSI Conformance Interoperability Test Center Oxford Road 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289 Product Code/Type: P-001 WAN Product ID: 161 Supplier: 000005 Supplier: 000005 Digital Equipment Corp Digital Equipment Corp 550 King Street Littleton, MA 01460-1289 550 King Street Littleton, MA 01460-1289 Contact: Richard Duhamel Contact: Richard Duhamel Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com GOSIP Product: DEC Wide Area Device Drivers for ULTRIX GOSIP Product: Version/Release: Version 1.0 (Data Link Layer) Version/Release: Ver 2.0 Release Date: 01-MAR-92 Additional Info: None Date: Registration: PROV, Grndfthrd, V1->V2/registered BASE Basis: Date: 19-MAR-93 Reason for Removal: BASE O/S: OpenVMS AXP V6.1 Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0131 O/S: DEC 2100 Server A500MP MicroVAX/VAXstation 3000 Series DEC ULTRIX Ver 4.2 Claimed Compatibility Hardware/Software Platforms: 0001 600&800 AXP Workstations 0070 Connectivity: X.21bis Connectivity: 0128 RS232 Underlying Stack: None Underlying Product: Protocols and Profiles: 0070 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0362 ATS:2-1 & ATS:2-2 Conformance Lab: 0357 Digital Equipment Corporation, OSI Conformance Interoperability Test Center

Product Code/Type: P-001 WAN Product ID: 270 Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com X.25 V1.0A for DEC OSF/1 Systems Version/Release: Version 1.0A Release Date: 14-MAR-94 Additional Info: Minimum memory configuration is 32 MB, and minimum disk space requirement is 44 MB. FULL, GOSIP Version 2/registered 22-AUG-94 Reason for Removal: N/A Base Products: N/A Tested Hardware/Operating System Platforms: 0221 DEC 3000 Model 500 AXP Workstation DEC OSF/1 Operating System, Version 2.0 Claimed Compatibility Hardware/Software Platforms: 0251 H/W: DEC 3000 Models 300, 300X, 300LX, 400, 500X, 600 & O/S: DEC 3000 Models 400, 500, 600 & 800 AXP Servers Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} National Computing Centre Limited Manchester, M17ED United Kingdom Product Code/Type: P-001 WAN Product ID: 272 Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com X.25 V1.0 for OpenVMS AXP Systems Release Date: 18-MAY-94 Additional Info: Minimum memory configuration is 32 MB, and minimum disk space requirement is 407 MB. Registration: FULL, GOSIP Version 2/registered 22-AUG-94 Reason for Removal: N/A Base Products: N/A Tested Hardware/Operating System Platforms: 0249 H/W: DEC 3000 Model 500 AXP Workstation Claimed Compatibility Hardware/Software Platforms: 0250 H/W: DEC 2000 Models 300 & 500 AXP Workstations H/W: DEC 3000 Models 300,300L,300X,300LX,400,500,500X, O/S: DEC 3000 Models 400, 500, 600 & 800 AXP Servers Underlying Stack: N/A Underlying Product: N/A Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} National Computing Centre Limited Oxford Road

Manchester M17ED United Kingdom

550 King Street, MS LKG2A/R5

Littleton, MA 01460-1289

Supplier:

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Product Code/Type: P-001 WAN Product ID:

Eicon Technology Corporation

2196 - 32nd Avenue (Lachine)

Montreal, Quebec H8T 3H7 Canada

000109

267

Product Code/Type: P-001 WAN Product ID:

Digital Equipment Corporation

McLean, VA 22102-3603

Reading, Berks RG20TE United Kingdom

000091

Imperial Way

Supplier:

Contact: Ken Chamberlain Contact: Guy Cote Tel: Tel: (514) 631-2592 Fax: (514) 631-3092 GOSIP Product: DEC Network Integration Server Software (DECNIS) Email: cote@Eicon.com Version/Release: Ver 2.1 Release Date: 30-APR-93 GOSIP Product: WAN Services for Windows NT #315-962 Additional Info: Version/Release: Release V3 Release Date: 01-JAN-94 Registration: FULL, GOSIP Version 2/registered Additional Info: Vendor claims software operates across entire line Date: 29-JUL-93 Reason for Removal: of interface cards. Basis: FULL, GOSIP Version 2/registered BASE Base Products: n/a Registration: Tested Hardware/Operating System Platforms: 0154 01-AUG-94 Reason for Removal: Date: H/W: DECNIS 500, DECNIS 600 Base Products: N/A RASE Basis: O/S: DECNIS V2.1 with embedded OS Tested Hardware/Operating System Platforms: 0236 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: EiconCard HSI/PC 1MB #310-052 Synchronous Connectivity: 0089 V.35 Communications Card Underlying Stack: None O/S: Embedded in Product on Communications Card Underlying Product: Protocols and Profiles: 0001 Claimed Compatibility Hardware/Software Platforms: 0237 Intel 286 X.25 PLP/X.25 LAP-B and up, 100% compatible IBM-PCs with ISA, EISA bus, and PS/2 X.25 PLP [ISO 8208:1990] {CCITT 1984} with micro-channel bus X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Connectivity: 0123 V 24 ATS Used: ATS:2-1 AND ATS:2-2 Underlying Stack: None Underlying Product: N/A Conformance Lab: 0362 Protocols and Profiles: 0001 Digital Equipment Corporation, OSI Conformance X.25 PLP/X.25 LAP-B Interoperability Test Center X.25 PLP [ISO 8208:1990] {CCITT 1984} 550 King Street, MS LKG2A/R5 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Littleton, MA 01460-1289 ATS:2-1 and ATS:2-2 Conformance Lab: 0364 CDA, Incorporated Product Code/Type: P-001 WAN Product ID: 208 8301 Greensboro Drive, #350 Supplier: 000109 McLean, VA 22102-3603 Eicon Technology Corporation 2196 - 32nd Avenue (Lachine) Montreal, Quebec H8T 3H7 Product Code/Type: P-001 WAN Product ID: 47 Canada Supplier: 000040 Contact: Guy Cote Encore Computing Corporation Tel: (514) 631-2592 Fax: (514) 631-3092 6901 West Sunrise Boulevard Email: cote@Eicon.com Ft. Lauderdale, FL 33313-4499 GOSIP Product: OSI LAN Gateway #315-379-1 plus GOSIP Upgrade Contact: Augie Gonzales Tel: (305) 587-2900 Fax: (305) 797-5807 Diskette Version/Release: Release V3R1 Release Date: 24-SEP-93 GOSIP Product: Encore Infinity 90 Series GPIO I with EnComm Additional Info: Product tested using V.24 to RS-232C adaptor box X.25 and PAD (not sold with product). Vendor claims software Version/Release: Rev 3.0 operates across entire line of interface cards. Release Date: 01-JUL-92 Registration: FULL, GOSIP Version 2/registered Additional Info: Date: 17-DEC-93 Reason for Removal: Registration: PROV, Grndfthrd, V1->V2/registered BASE Base Products: n/a 24-JUN-92 Reason for Removal: Date: Tested Hardware/Operating System Platforms: 0178 Basis: **BASE** Base Products: n/a H/W: Eicon HSI/PC 1MB #310-052 Synchronous Comm Card/Dell Tested Hardware/Operating System Platforms: 0059 ENCORE Infinity 90 Series GPIO with VME Serial O/S: Embedded in product on Comm Card, DOS 5.0 running on PC Synchronous Controller (VSSC) Model 8523-443 UMAX 3.0.7 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 RS-232C Connectivity: 0103 None Underlying Stack: None Underlying Stack: None Underlying Product: Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS Used: ATS:2-2 and ATS:2-1 ATS Used: Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350

Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 222 18 000123 Supplier: Supplier: 000025 HEWLETT-PACKARD Company Harris Adacom Corporation 5 Avenue Raymond Chanas-Eybens 16001 Dallas Parkway 38053 Grenoble Cedex 09 France Dallas, TX 75248 Jean-Franceis Coudeyre Contact: Contact: Gregory Prynn Tel: +33.76.62.56.58 Tel: (214) 386-2000 GOSIP Product: X.25 Link for HP 9000 Series 800 (3696OA) Fax: (214) 386-2524 GOSIP Product: Version/Release: X.25 F/W Rev. 8.27 Challenger ES/174-10 Release Date: 01-NOV-93 Version/Release: Rel 2.1 Additional Info: Vendor claims that this product is capable of Release Date: 07-OCT-91 operating on all Classes of HP 9000 Series 800 Additional Info: FULL, GOSIP Version 2/registered Registration: Registration: PROV, Grndfthrd, V1->V2/registered Date: 23-FFR-94 Date: 30-OCT-91 Reason for Removal: Reason for Removal: Basis: BASE Basis: DERIVED Base Products: n/a Base Products: Tested Hardware/Operating System Platforms: 0189 Tested Hardware/Operating System Platforms: 0031 H/W: HP9000 Series 800 Challenger ES/174-10 Ver 2.1 O/S: HP/UX 9.04 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 Connectivity: 0090 RS-232C Underlying Stack: None RS-232C Underlying Product: Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Conformance Lab: 0364 ATS Used: ATS:2-1 & ATS:2-2 CDA, Incorporated Conformance Lab: 0364 8301 Greensboro Drive, #350 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 17 Product Code/Type: P-001 WAN Product ID: 19 000025 Supplier: 000025 Supplier: Harris Adacom Corporation Harris Adacom Corporation 16001 Dallas Parkway 16001 Dallas Parkway Dallas, TX 75248 Dallas, TX 75248 Contact: Gregory Prynn Contact: Gregory Prynn Tel: (214) 386-2000 Fax: (214) 386-2524 Tel: (214) 386-2000 GOSIP Product: Fax: (214) 386-2524 Challenger ES/174-20 Version/Release: Rel 2.1 GOSIP Product: Challenger ES/174-60 Release Date: 07-OCT-91 Version/Release: Rel 2.1 Additional Info: Release Date: 07-OCT-91 PROV, Grndfthrd, V1->V2/registered Registration: Additional Info: Date: PROV, Grndfthrd, V1->V2/registered 17-OCT-91 Registration: Reason for Removal: Date: 30-OCT-91 BASE Reason for Removal: Basis: Base Products: n/a Basis: **DERIVED** Tested Hardware/Operating System Platforms: 0030 Base Products: Tested Hardware/Operating System Platforms: 0032 Challenger ES/174-20 Rel 2.1 DTE/DCE Environment Challenger ES/174-60 Ver 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0005 Connectivity: 0005 Connectivity: RS-232C RS-232C Underlying Stack: None Underlying Stack: None Underlying Product: Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350

McLean, VA 22102-3603

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Product Code/Type: P-001 WAN Product ID:

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Product Code/Type: P-001 WAN Product ID:

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IBM Corporation IBM Corporation P.O. Box 12195 P.O. Box 12195 Research Triangle Park, NC 27709-2195 Research Triangle Park, NC 27709-2195 John Streck Contact: John Streck Contact: Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 Fax: (919) 254-5410 IBM X.25 NCP Packet Switching Interface GOSIP Product: IBM X.25 NCP Packet Switching Interface GOSIP Product: Version/Release: Ver 3 Rel 4 Version/Release: Ver 3 Rel 4 Release Date: 28-JUN-91 Release Date: 28-JUN-91 Additional Info: PROV, Grndfthrd, V1->V2/registered Additional Info: Registration: Registration: 10-JUL-91 Reason for Removal: PROV, Grndfthrd, V1->V2/registered Date: Date: 10-JUL-91 Basis: DERIVED Base Products: Tested Hardware/Operating System Platforms: 0006 Reason for Removal: Communications Controllers IBM 3745 Basis: RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0003 Network Control Program (NCP) V5R4 Communications Controllers IBM 3745 System Support Program (SSP) V3R6 Virtual Telecommunications Access Method (VTAM) Version 3 MVS/SP Claimed Compatibility Hardware/Software Platforms: 0001 Network Control Program (NCP) V5R4 System Support Program (SSP) V3R6 0002 Connectivity: Virtual Telecommunications Access Method (VTAM) Ver 3 V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0002 Protocols and Profiles: 0001 V.24 or RS-232C, V.35, X.21bis X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP/X.25 LAP-B ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: Research Triangle Park, NC 27709-2195 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: Supplier: 000014 Product Code/Type: P-001 WAN Product ID: IBM Corporation 000014 Supplier: P.O. Box 12195 IBM Corporation Research Triangle Park, NC 27709-2195 P.O. Box 12195 Contact: John Streck Research Triangle Park, NC 27709-2195 Tel: (919) 254-4360 Fax: (919) 254-5410 Contact: John Streck GOSIP Product: IBM X.25 NCP Packet Switching Interface Tel: (919) 254-4360 Version/Release: Ver 3 Rel 4 Release Date: 28-JUN-91 Fax: (919) 254-5410 GOSIP Product: IBM X.25 NCP Packet Switching Interface Additional Info: Version/Release: Ver 3 Rel 4 Release Date: 28-JUN-91 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Reason for Removal: Date: 10-JUL-91 Registration: PROV, Grndfthrd, V1->V2/registered DERIVED Base Products: Reason for Removal: Date: 10-JUL-91 Tested Hardware/Operating System Platforms: 0005 Basis: BASE Base Products: n/a Communications Controllers IBM 3745 Tested Hardware/Operating System Platforms: 0002 VM/SP Communications Controllers IBM 3745 MVS/XA Network Control Program (NCP) V5R4 Network Control Program (NCP) V5R4 System Support Program (SSP) V3R6 System Support Program (SSP) V3R6 Virtual Telecommunications Access Method (VTAM) Version 3 Virtual Telecommunications Access Method (VTAM) Ver 3 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Claimed Compatibility Hardware/Software Platforms: 0001 0002 V.24 or RS-232C, V.35, X.21bis Connectivity: 0002 V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS Used: ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 200 Silicon Drive, P.O. Box 12195

Research Triangle Park, NC 27709-2195

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Product Code/Type: P-001 WAN Product ID: 8 Product Code/Type: P-001 WAN Product ID: 10 000014 Supplier: Supplier: 000014 IBM Corporation IBM Corporation P.O. Box 12195 P.O. Box 12195 Research Triangle Park, NC 27709-2195 Research Triangle Park, NC 27709-2195 John Streck Contact: Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product: IBM X.25 NCP Packet Switching Interface GOSIP Product: IBM X.25 NCP Packet Switching Interface Version/Release: Ver 3 Rel 4 Version/Release: Ver 3 Rel 4 Release Date: 28-JUN-91 Release Date: 28-JUN-91 Additional Info: None Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered PROV. Grndfthrd, V1->V2/registered Registration: Date: 10-JUL-91 Reason for Removal: 10-JUL-91 Reason for Removal: Base Products: Date: Basis: DERIVED Basis: DERIVED Base Products: Tested Hardware/Operating System Platforms: 0011 Tested Hardware/Operating System Platforms: 0009 Communications Controllers IBM 3720 VM/XA Communications Controllers IBM 3720 MVS/ESA Network Control Program (NCP) V5R4 Network Control Program (NCP) V5R4 System Support Program (SSP) V3R6 System Support Program (SSP) V3R6 Virtual Telecommunications Access Method (VTAM) Version 3 Virtual Telecommunications Access Method (VTAM) Version 3 Claimed Compatibility Hardware/Software Platforms:0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0002 Connectivity: 0002 V.24 or RS-232C, V.35, X.21bis V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 11 Product Code/Type: P-001 WAN Product ID: 000014 Supplier: Supplier: 000014 IBM Corporation IBM Corporation P.O. Box 12195 P.O. Box 12195 Research Triangle Park, NC 27709-2195 Research Triangle Park, NC 27709-2195 Contact: John Streck Tel: (919) 254-4360 Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 Fax: (919) 254-5410 IBM X.25 NCP Packet Switching Interface Version/Release: Ver 3 Rel 4 Release Date: 28-JUN-91 GOSIP Product: IBM X.25 NCP Packet Switching Interface Version/Release: Ver 3 Rel 4 Additional Info: None Release Date: 28-JUN-91 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: 10-JUL-91 Reason for Removal: Date: DERIVED Base Products: Registration: PROV, Grndfthrd, V1->V2/registered Basis: Date: 10-JUL-91 Reason for Removal: Tested Hardware/Operating System Platforms: 0007 Basis: DERIVED Base Products: Communications Controllers IBM 3720 MVS/XA Tested Hardware/Operating System Platforms: 0004 Network Control Program (NCP) V5R4 Communications Controllers IBM 3745 MVS/ESA System Support Program (SSP) V3R6 Virtual Telecommunications Access Method (VTAM) Version 3 Network Control Program (NCP) V5R4 System Support Program (SSP) V3R6 Claimed Compatibility Hardware/Software Platforms: 0001 Virtual Telecommunications Access Method (VTAM) Version 3 Connectivity: 0002 Claimed Compatibility Hardware/Software Platforms: 0001 V.24 or RS-232C, V.35, X.21bis Connectivity: Underlying Product: 0002 Underlying Stack: None V.24 or RS-232C, V.35, X.21bis Protocols and Profiles: 0001 Underlying Stack: None X.25 PLP/X.25 LAP-B Underlying Product: Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS Used: X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center ATS Used: ATS:1-1 and ATS:1-2 200 Silicon Drive, P.O. Box 12195 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center Research Triangle Park, NC 27709-2195 200 Silicon Drive, P.O. Box 12195

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Supplier:

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Product Code/Type: P-001 WAN Product ID:

IBM Corporation

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Product Code/Type: P-001 WAN Product ID:

IBM Corporation

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P.O. Box 12195

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Supplier:

Contact: John Streck John Streck Contact: Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 GOSIP Product: IBM X.25 NCP Packet Switching Interface Fax: (919) 254-5410 Version/Release: Ver 3 Rel 4 GOSIP Product: IBM AS/400 X.25 Communication Support Program Release Date: 28-JUN-91 Version/Release: Ver 2 Rel 1 Additional Info: Release Date: 24-MAY-91 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Date: 10-JUL-91 Reason for Removal: Registration: PROV, Grndfthrd, V1->V2/registered Basis: **DERIVED** Base Products: Date: 25-SEP-91 Tested Hardware/Operating System Platforms: 0008 Reason for Removal: Communications Controllers IBM 3720 MVS/SP DERIVED Rasis: Network Control Program (NCP) V5R4 Base Products: System Support Program (SSP) V3R6 Tested Hardware/Operating System Platforms: 0028 Processor IBM 9402, 9404 Virtual Telecommunications Access Method (VTAM) Version 3 OS/400 Ver 2 Rel 1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0002 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: V.24 or RS-232C, V.35, X.21bis 0002 Underlying Stack: None V.24 or RS-232C, V.35, X.21bis Underlying Product: Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] (CCITT 1984) ATS Used: ATS:1-1 and ATS:1-2 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center Conformance Lab: 0361 200 Silicon Drive, P.O. Box 12195 IBM Corporation - Networking Systems Protocol Center Research Triangle Park, NC 27709-2195 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 16 000014 000014 Supplier: Supplier: IBM Corporation IBM Corporation P.O. Box 12195 P.O. Box 12195 Research Triangle Park, NC 27709-2195 Research Triangle Park, NC 27709-2195 Contact: John Streck Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 **GOSIP Product:** IBM X.25 NCP Packet Switching Interface Fax: (919) 254-5410 Version/Release: Ver 3 Rel 4 GOSIP Product: IBM AS/400 X.25 Communication Support Program Release Date: 28-JUN-91 Version/Release: Ver 2 Rel 1 Additional Info: Release Date: 24-MAY-91 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Reason for Removal: Date: 10-JUL-91 Registration: PROV, Grndfthrd, V1->V2/registered DERIVED Base Products: Basis: Date: 25-SEP-91 Tested Hardware/Operating System Platforms: 0010 Reason for Removal: Communications Controllers IBM 3720 VM/SP **BASE** Network Control Program (NCP) V5R4 Base Products: n/a System Support Program (SSP) V3R6 Tested Hardware/Operating System Platforms: 0027 Virtual Telecommunications Access Method (VTAM) Version 3 Processor IBM 9406 Claimed Compatibility Hardware/Software Platforms: 0001 OS/400 Ver 2 Rel 1 Connectivity: 0002 Claimed Compatibility Hardware/Software Platforms: 0001 V.24 or RS-232C, V.35, X.21bis Connectivity: 0002 Underlying Stack: None Underlying Product: V.24 or RS-232C, V.35, X.21bis Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Conformance Lab: 0361 ATS:1-1 and ATS:1-2 IBM Corporation - Networking Systems Protocol Center Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195

Product Code/Type: P-001 WAN Product ID: 39 Product Code/Type: P-001 WAN Product ID: 45 Supplier: 000014 Supplier: 000037 IBM Corporation International Business Machines Corporation P.O. Box 12195 11400 Burnet Road Research Triangle Park, NC 27709-2195 Austin, TX 78758-3493 John Streck Contact: Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product IBM 6611 Network Processor Model 140 GOSIP Product: IBM AIX for RISC System/6000, X.25 WAN Version/Release: Ver 1.0 Support, IBM 7011, All Models Release Date: 26-JUN-92 Version/Release: Ver 3.2 Additional Info: Release Date: 28-FEB-92 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Date: 25-MAR-92 Registration: PROV, Grndfthrd, V1-> V2/registered Reason for Removal: Date: 25-MAR-92 Reason for Removal: Basis: **DERIVED** Basis: Base Products: n/a **BASE** Base Products: Tested Hardware/Operating System Platforms: 0054 Tested Hardware/Operating System Platforms: 0055 RISC System/6000 Products IBM 6611 Network Processor Operating System IBM AIX Version 3.2 For RISC System/6000 Claimed Compatibility Hardware/Software Platforms: 0001 Based on IBM AIX Ver 3.2 for RISC Sys/6000 IBM Multiprotocol Network Program Connectivity: 0002 Claimed Compatibility Hardware/Software Platforms: 0001 V.24 or RS-232C, V.35, X.21bis Connectivity: 0002 Underlying Stack: None Underlying Product: V.24 or RS-232C, V.35, X.21bis Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Conformance Lab: 0361 ATS Used: ATS:1-1 and ATS:1-2 IBM Corporation - Networking Systems Protocol Center Conformance Lab: 0361 200 Silicon Drive, P.O. Box 12195 IBM Corporation - Networking Systems Protocol Center Research Triangle Park, NC 27709-2195 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: Supplier: 000037 Product Code/Type: P-001 WAN Product ID: International Business Machines Corporation 000014 Supplier: 11400 Burnet Road IBM Corporation Austin, TX 78758-3493 P.O. Box 12195 Contact: John Streck Research Triangle Park, NC 27709-2195 Tel: (919) 254-4360 Fax: (919) 254-5410 **GOSIP Product:** IBM AIX for RISC System/6000, X.25 WAN Spt. Contact: John Streck for IBM 7012, Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product: IBM 6611 Network Processor Model 170 All Models Version/Release: Ver 3.2 Version/Release: Ver 1.0 Release Date: 26-JUN-92 Additional Info: Release Date: 28-FEB-92 Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Date: 25-MAR-92 PROV, Grndfthrd, V1-> V2/registered Registration: Reason for Removal: Date: 25-MAR-92 Rasis: DERIVED Reason for Removal: Base Products: BASE Racis Tested Hardware/Operating System Platforms: 0055 Base Products: n/a IBM 6611 Network Processor Tested Hardware/Operating System Platforms: 0054 Based on IBM AIX Ver 3.2 for RISC Sys/6000 RISC System/6000 Products Operating System IBM AIX Version 3.2 For RISC System/6000 IBM Multiprotocol Network Program Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0002 Connectivity: 0002 V.24 or RS-232C, V.35, X.21bis V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS:1-1 and ATS:1-2 Conformance Lab: 0361 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 200 Silicon Drive, P.O. Box 12195

Research Triangle Park, NC 27709-2195

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Product Code/Type: P-001 WAN Product ID: 42 Supplier: International Business Machines Corporation 11400 Burnet Road Austin, TX 78758-3493 Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product: IBM AIX for RISC System/6000, X.25 WAN Support, for IBM 7013, All Models Version/Release: Ver 3.2 Release Date: 28-FEB-92 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Date: 25-MAR-92 Reason for Removal: Basis: **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0054 RISC System/6000 Products Operating System IBM AIX Version 3.2 For RISC System/6000 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0002 V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 43 Supplier: 000037 International Business Machines Corporation 11400 Burnet Road Austin, TX 78758-3493 Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 IBM AIX FOR RISC SYSTEM/6000, X.25 WAN GOSIP Product: SPT, FOR IBM 7015, All Models Version/Release: Ver 3.2 Release Date: 28-FEB-92 Additional Info: Registration: PROV, Grndfthrd, V1-> V2/registered Date: 25-MAR-92 Reason for Removal: **BASE** Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0054 RISC System/6000 Products Operating System IBM AIX Version 3.2 For RISC System/6000 Claimed Compatibility Hardware/Software Platforms: 0001 0002 Connectivity: V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984}

ATS:1-1 and ATS:1-2

200 Silicon Drive, P.O. Box 12195

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IBM Corporation - Networking Systems Protocol Center

ATS Used:

Conformance Lab: 0361

Product Code/Type: P-001 WAN Product ID: Supplier: 000037 International Business Machines Corporation 11400 Burnet Road Austin, TX 78758-3493 John Streck Contact: Fax: (919) 254-5410 Tel: (919) 254-4360 GOSIP Product: IBM AIX for RISC System/6000, X.25 WAN Spl, for IBM 7016, All Models Version/Release: Ver 3.2 Release Date: 28-FEB-92 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered 25-MAR-92 Date: Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0054 RISC System/6000 Products Operating System IBM AIX Version 3.2 For RISC System/6000 Claimed Compatibility Hardware/Software Platforms: 0001 0002 Connectivity: V.24 or RS-232C, V.35, X.21bis Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 102 Supplier: 000054 International Business Machines Corporation 3605 Highway 52 North Rochester, MN 55901-7829 Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product: IBM AS/400 X.25 Version/Release: Ver 2 Rel 2 Release Date: 25-SEP-92 Additional Info: Registration: PROV, Grndfthrd, V1-> V2/registered Date: 13-NOV-92 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0089 AS/400 Model IBM 9404 OS/400 Ver 2 Rel 2 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0044 RS-232C, V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195

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Product Code/Type: P-001 WAN Product ID: 103 Product Code/Type: P-001 WAN Product ID: 125 Supplier: 000054 Supplier: 000054 International Business Machines Corporation International Business Machines Corporation 3605 Highway 52 North 3605 Highway 52 North Rochester, MN 55901-7829 Rochester, MN 55901-7829 Contact: John Streck Contact: John Streck Tel: (919) 254-4360 Fax: (919) 254-5410 Tel: (919) 254-4360 Fax: (919) 254-5410 GOSIP Product: IBM AS/400 X.25 Communication Support GOSIP Product: IBM AS/400 X.25 Communications Support Version/Release: Ver 2 Rel 2 Release Date: 26-JUN-92 Version/Release: Ver 2, Rel 1.1 Release Date: 26-JUN-92 Additional Info: Additional Info: Registration: PROV, Grndfthrd, V1-> V2/registered Registration: PROV, Grndfthrd, V1->V2/registered Date: 13-NOV-92 Reason for Removal: Date: 13-NOV-92 DERIVED Base Products: Reason for Removal: Basis: Tested Hardware/Operating System Platforms: 0090 DERIVED Rasis. AS/400 Model IBM 9402, 9406 Base Products: Tested Hardware/Operating System Platforms: 0110 OS/400 Ver 2 Rel 2 Claimed Compatibility Hardware/Software Platforms: 0001 IBM AS/400 Models 9402, 9404, 9406 Connectivity: 0044 OS/400 Ver 2 Rel 1.1 RS-232C, V.35 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Underlying Stack: None Underlying Product: 0044 Protocols and Profiles: 0001 RS-232C, V.35 X.25 PLP/X.25 LAP-B Underlying Stack: None Underlying Product: X.25 PLP [ISO 8208:1990] {CCITT 1984} Protocols and Profiles: 0001 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP/X.25 LAP-B ATS:1-1 and ATS:1-2 X.25 PLP [ISO 8208:1990] {CCITT 1984} Conformance Lab: 0361 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} IBM Corporation - Networking Systems Protocol Center ATS:1-1 and ATS:1-2 200 Silicon Drive, P.O. Box 12195 Conformance Lab: 0361 Research Triangle Park, NC 27709-2195 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 104 Supplier: International Business Machines Corporation Product Code/Type: P-001 WAN Product ID: 162 3605 Highway 52 North Supplier: 000078 Rochester, MN 55901-7829 International Business Machines Corporation Contact: John Streck P.O. Box 12195 Tel: (919) 254-4360 Research Triangle Park, NC 27709 Fax: (919) 254-5410 Contact: Miriam Green GOSIP Product: X.25 Network Control Program Packet Switching Tel: (919) 254-6323 GOSIP Product: X.25 Network Control Program Packet Switching Version/Release: Ver 3 Rel 5 Version/Release: Version 3 Release 6 Release Date: 30-APR-93 Release Date: 25-SEP-92 Additional Info: Additional Info: PROV, Grndfthrd, V1->V2/registered FULL, GOSIP Version 2/registered Registration: Registration: Date: 13-NOV-92 Date: 28-MAY-93 Reason for Removal: Reason for Removal: **BASE** BASE Basis: Basis: Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0088 Tested Hardware/Operating System Platforms: 0146 IBM 3745 Communication Controller Network Control Program Ver 6 Network Control Program Ver 6 Rel 2 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0044 Connectivity: 0087 RS-232C, V.35 V.24 or RS-232C (X.21bis), V.35 X.21 switched and non-switched ISDN via X.21 (IBM 7820 Terminal Adaptor) Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0074 X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/(X.25 LAP-B) X.25 PLP [ISO 8208:1990] {ISO 8208} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {ISO 7776} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0361 ATS:2-1 and ATS:2-2 IBM Corporation - Networking Systems Protocol Center Conformance Lab: 0361

200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 IBM Corporation - Networking Systems Protocol Center

200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195

Product Code/Type: P-001 WAN Product ID: Supplier: 000095 Supplier: International Business Machines Corporation 3605 Highway 52 North Rochester, MN 55901-7829 Contact: Glenn Van Benschoten Contact: Tel: (507)253-5723 GOSIP Product: AS/400 X.25 Communication Support Version/Release: Version 2 Release 3 GOSIP Product: Release Date: 05-NOV-93 Additional Info: Registration: FULL, GOSIP Version 2/registered Date: Registration: 03-AUG-93 Reason for Removal: Date: Basis: BASE Base Products: n/a Basis: Tested Hardware/Operating System Platforms: 0167 H/W: IBM 9402, 9404, 9406 O/S: OS/400 Version 2 Release 3 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0044 Connectivity: RS-232C, V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0074 X.25 PLP/(X.25 LAP-B) X.25 PLP [ISO 8208:1990] (ISO 8208) X.25 LAP-B [ISO 7776:1986] {ISO 7776} ATS Used: ATS:2-2 and ATS:2-1 Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 227 Supplier: 000124 Supplier: International Business Machines Corporation South Miami Boulevard P.O. Box 12195 Research Triangle Park, NC 27709 Contact: Miriam Green Contact: Tel: (919) 254-6323 GOSIP Product: X.25 Network Control Program Packet Switching Interface Version/Release: Version 3 Release 7 Release Date: 31-MAR-94 Additional Info: None FULL, GOSIP Version 2/registered Registration: Registration: Date: 23-FEB-94 Date: Reason for Removal: Rasis. RASE Racie. Base Products: n/a Tested Hardware/Operating System Platforms: 0193 H/W: IBM 3745 O/S: Network Control Program Version 7 Release 1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Connectivity: 0044 RS-232C RS-232C, V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-1A & ATS:2-2A ATS Used: Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center

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Research Triangle Park, NC 27709-2195

Product Code/Type: P-001 WAN Product ID: 000026 MEMOREX TELEX Corporation - Federal Systems 205 Van Buren Steet, Suite #180 Herndon, VA 22070 Kevin Good Tel: (703) 318-5600 Fax: (703) 318-7575 1174-60R Version/Release: Ver B1.3 Release Date: 17-OCT-91 Additional Info: PROV, Grndfthrd, V1->V2/registered 30-OCT-91 Reason for Removal: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0033 1174-60R Ver B1.3 Claimed Compatibility Hardware/Software Platforms: 0001 0005 RS-232C Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] (CCITT 1984) ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 000026 MEMOREX TELEX Corporation - Federal Systems 205 Van Buren Steet, Suite #180 Herndon, VA 22070 Kevin Good Tel: (703) 318-5600 Fax: (703) 318-7575 GOSIP Product: 1174-90R Version/Release: 'Ver B1.3 Release Date: 17-OCT-91 Additional Info: PROV, Grndfthrd, V1-> V2/registered 30-OCT-91 Reason for Removal: **DERIVED** Base Products: Tested Hardware/Operating System Platforms: 0035 1174-90R Ver B1.3 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: Supplier: 000026 MEMOREX TELEX Corporation - Federal Systems 205 Van Buren Steet, Suite #180 Herndon, VA 22070 Contact: Kevin Good Tel: (703) 318-5600 Fax: (703 318-7575 GOSIP Product: 1174-10R Version/Release: Ver B1.3 Release Date: 17-OCT-91 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered 30-OCT-91 Date: Reason for Removal: DERIVED Basis: Base Products: Tested Hardware/Operating System Platforms: 0034 1174-10R Ver B1.3 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 RS-232C Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 27 Supplier: 000028 McData Corporation 310 Interlocken Parkway Broomfield, CO 80021-3464 Steve Cartwright Contact: Tel: (303) 460-9200 GOSIP Product: LinkMaster 7100 Model 20R Version/Release: Rel 3.0 Release Date: 11-NOV-91 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Date: 17-DEC-91 Reason for Removal: **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0040 LinkMaster 7100 Model 20R Claimed Compatibility Hardware/Software Platforms: 0001 0006 Connectivity: RS-232C, V.35, X.21 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: Supplier: 000028 McData Corporation 310 Interlocken Parkway Broomfield, CO 80021-3464 Contact: Steve Cartwright Tel: (303) 460-9200 GOSIP Product: LinkMaster 7100 Model 90 Version/Release: Rel 3.0 Release Date: 11-NOV-91 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Date: 29-JAN-92 Reason for Removal: Basis: **DERIVED** Base Products: Tested Hardware/Operating System Platforms: 0043 LinkMaster 7100 Model 90 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0044 RS-232C, V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 29 Supplier: 000028 McData Corporation 310 Interlocken Parkway Broomfield, CO 80021-3464 Contact: Steve Cartwright Tel: (303) 460-9200 **GOSIP Product:** LinkMaster 7100 Model 10 Version/Release: Rel 3.0 Release Date: 11-NOV-91 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Date: 29-JAN-92 Reason for Removal: Basis: **DERIVED** Base Products: Tested Hardware/Operating System Platforms: 0044 LinkMaster 7100 Model 10 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0006 RS-232C, V.35, X.21 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603

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Product Code/Type: P-001 WAN Product ID:

Fairfax, VA 22031

Product Code/Type: P-001 WAN Product ID:

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Supplier: 000028 000043 Supplier: NCR McData Corporation 9900 Old Grove Road 310 Interlocken Parkway Broomfield, CO 80021-3464 San Diego, CA 92131 Contact: Steve Cartwright Contact: Wendy Morrison Tel: (303) 460-9200 Tel: (619) 693-5665 Fax: (619) 693-5705 GOSIP Product. LinkMaster 7100 Model 60 **GOSIP Product:** NCR MUOE HDLC Version/Release: Rel 3.0 Version/Release: Release 1.04 Release Date: 01-AUG-92 Release Date: 11-NOV-91 Additional Info: Additional Info: Requires NCR System 3000, X.25 Network Services | Reduced Services | Reservices product for full X.25 capability. Registration: PROV, Grndfthrd, V1-> V2/registered Date: 29-JAN-92 Registration: PROV, Grndfthrd, V1-> V2/registered Reason for Removal: 09-SEP-92 Date: Basis: DERIVED Reason for Removal: Base Products: Basis: **BASE** Tested Hardware/Operating System Platforms: 0045 Base Products: n/a LinkMaster 7100 Model 60 Tested Hardware/Operating System Platforms: 0063 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: NCR System 3000 consisting of the following hardware Connectivity: 0044 models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 RS-232C, V.35 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Connectivity: 0090 X.25 PLP/X.25 LAP-B RS-232C X.25 PLP [ISO 8208:1990] {CCITT 1984} Underlying Stack: None Underlying Product: X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Protocols and Profiles: 0006 ATS:1-1 and ATS:1-2 X.25 LAP-B [ISO 7776:1986] {ISO 7776} ATS Used: Conformance Lab: 0364 ATS Used: ATS:1-1 CDA, Incorporated Conformance Lab: 0363 Corporation for Open Systems International Test Center 8301 Greensboro Drive, #350 McLean, VA 22102-3603 8260 Willow Oaks Corp Drive, Suite 700 Fairfax, VA 22031 Product Code/Type: P-001 WAN Product ID: 62 000043 Supplier: Product Code/Type: P-001 WAN Product ID: 216 **NCR** 000112 Supplier: 9900 Old Grove Road **NCR** San Diego, CA 92131 2700 Snelling Avenue North Wendy Morrison Roseville, MN 55113-1784 Contact: Tel: (619) 693-5665 David Loomis Contact: Fax: (619) 693-5705 Tel: 612-638-7663 GOSIP Product: NCR System 3000, X.25 Network Services **GOSIP Product:** X.25 Version/Release: Release 1.04 Version/Release: Version 2 Release 2 Release Date: 01-AUG-92 Release Date: 01-DEC-93 Additional Info: Packet Layer Protocol Only. Additional Info: PROV, Grndfthrd, V1->V2/registered Registration: Registration: FULL, GOSIP Version 2/registered Date: 09-SEP-92 Date: 20-JAN-94 Reason for Removal: Reason for Removal: Basis: **BASE** Basis: **BASE** Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0063 Tested Hardware/Operating System Platforms: 0183 H/W: NCR System 3000 consisting of the following hardware H/W: 5600 Communications Processor Family (5630, 5645, models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 5655, 5665, 5675) O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 O/S: COS2/56, CB1 R2E Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0098 Connectivity: Connectivity: 0044 X.25 LAP-B/RS-232C RS-232C, V.35 Underlying Stack: NCR MUOE HDLC, Rel 1.04 Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0076 Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {ISO 8208} X.25 PLP/X.25 LAP-B ATS Used: ATS:1-2 X.25 PLP [ISO 8208:1990] {CCITT 1984} Conformance Lab: 0363 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: Corporation for Open Systems International Test Center ATS:2-1 and ATS:2-2 Conformance Lab: 0363 8260 Willow Oaks Corp Drive, Suite 700

Corporation for Open Systems International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 64 164 Supplier: 000049 000049 Supplier: NETRIX Corporation NETRIX Corporation 13595 Dulles Technology Drive 13595 Dulles Technology Drive Herndon, VA 22071 Herndon, VA 22071 Contact: Ted Ritter Contact: Ted Ritter Tel: (703) 742-6000 Fax: (703) 742-4048 Tel: (703) 742-6000 Fax: (703) 742-4048 NETRIX #1-ISS GOSIP X.25, GOSIP X.25 GOSIP Product: GOSIP Product: Netrix S100 GOSIP X.25 Interface Module 1.0 INTERFACE MODULE Version/Release: Version 1.0 Version/Release: Ver 1.0 Rel 1 Release Date: 01-SEP-92 Release Date: 01-JUN-93 Additional Info: Additional Info: PROV, Grndfthrd, V1->V2/registered Registration: Registration: FULL, GOSIP Version 2/registered Date: 06-OCT-92 Date: 24-JUN-93 Reason for Removal: Reason for Removal: BASE Racie. Racie RASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0072 Tested Hardware/Operating System Platforms: 0147 Netrix #1-ISS Series 1.0, Netrix Operating System Rel 2.7 H/W: Netrix Series 100 O/S: S100 O/S Rel 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0005 Connectivity: 0090 RS-232C RS-232C Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 ATS:2-2 and ATS:2-1 ATS Used: ATS Used: Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 165 143 000049 000049 Supplier: Supplier: **NETRIX** Corporation **NETRIX** Corporation 13595 Dulles Technology Drive 13595 Dulles Technology Drive Herndon, VA 22071 Herndon, VA 22071 Ted Ritter Contact: Ted Ritter Contact: Tel: (703) 742-6000 Tel: (703) 742-6000 Fax: (703) 742-4048 Fax: (703) 742-4048 GOSIP Product: NETRIX #1-ISS GOSIP X.25, GOSIP X.25 GOSIP Product: Netrix BRX GOSIP X.25 Interface Module 1.0 INTERFACE MODULE Version/Release: Version 1.0 Version/Release: Ver 1.0 Rel 1 Release Date: 01-JUN-93 Release Date: 01-SEP-92 Additional Info: Additional Info: Registration: FULL, GOSIP Version 2/registered Registration: PROV, Grndfthrd, V1->V2/registered 24-JUN-93 Date: Date: 31-MAR-93 Reason for Removal: Reason for Removal: Basis: BASE DERIVED Base Products: n/a Tested Hardware/Operating System Platforms: 0148 Base Products: Tested Hardware/Operating System Platforms: 0134 H/W: BRX Branch Router/Concentrator Netrix #1-ISS Series 1000 O/S: BRX O/S Rel 3.3 Netrix OS Rel 1.1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 Connectivity: 0005 V.35 Underlying Stack: None RS-232C Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-2 and ATS:2-1 ATS Used: Conformance Lab: 0364 ATS:1-1 and ATS:1-2 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 CDA, Incorporated

McLean, VA 22102-3603

8301 Greensboro Drive, #350

Product Code/Type: P-001 WAN Product ID: 168 Product Code/Type: P-001 WAN Product ID: Supplier: 000050 000086 Supplier: Northern Telecom ATTN: NORTEL Federal Systems 2010 Corporate Ridge, Suite 800 Network McLean, VA 22102 Contact: Torre Albritton Tel: (703) 712-8764 Fax: (703) 712-8982 Contact: GOSIP Product: Tel: +33 76 41 42 18 Magellan DPN-100 Version/Release: G30S002 GOSIP Product: Release Date: 01-JAN-93 Version/Release: 8.0 Rev B Additional Info: 01-JUN-93 Release Date: Registration: FULL, GOSIP Version 2/registered Additional Info: Date: 08-JUL-93 Reason for Removal: Registration: **BASE** Base Products: n/a Date: 06-MAY-93 Basis: BASE Tested Hardware/Operating System Platforms: 0152 Basis: H/W: Magellan DPN-100 O/S: Magellan DPN-100 G30 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: Solaris 2.1 Connectivity: 0090 RS-232C Connectivity: 0005 Underlying Stack: None Underlying Product: RS-232C Protocols and Profiles: 0074 Underlying Stack: None X.25 PLP/(X.25 LAP-B) Protocols and Profiles: 0001 X.25 PLP [ISO 8208:1990] {ISO 8208} X.25 PLP/X.25 LAP-B X.25 LAP-B [ISO 7776:1986] {ISO 7776} ATS:2-2 and ATS:2-1 ATS:2-1 and ATS:2-2 ATS Used: Conformance Lab: 0363 Corporation for Open Systems International Test Center Conformance Lab: 0364 8260 Willow Oaks Corp Drive, Suite 700 CDA, Incorporated Fairfax, VA 22031 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: Supplier: 000050 SUN MicroSystems, Inc. International Centre for Supplier: 000074 Network Sync Research, Incorporated Computing 7 Studebaker 32 Rue du Vieux Chene Irvine, CA 92718 F-38240 Meylan France Contact: Sal Mungo Contact: Tom Hull Tel: (714) 588-2070 Tel: +33 76 41 42 18 GOSIP Product: Fax: +33 76 41 42 41 Version/Release: Ver 8.150 GOSIP Product: SUNNet X.25 Release Date: 31-MAY-93 Version/Release: Ver 7.0.1 Rel 1 Additional Info: Release Date: 01-OCT-92 Registration: Additional Info: Date: 29-APR-93 Registration: PROV, Grndfthrd, V1->V2/registered Reason for Removal: Date: 07-OCT-92 Rasis RASE Reason for Removal: Base Products: n/a **BASE** Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0073 Proprietary Sun 4/75 SunNET O/S 4.1.2 (Solaris 1.0.1) 0080 Connectivity: Claimed Compatibility Hardware/Software Platforms: 0001 V.24, RS-232C, V.35 0005 Connectivity: Underlying Stack: None RS-232C Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} ATS Used: ATS:2-1 and ATS:2-2 X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Conformance Lab: 0361 ATS:1-1 and ATS:1-2 ATS Used: Conformance Lab: 0364

152 SUN MicroSystems, Inc. International Centre for 32 Rue du Vieux Chene F-38240 Meylan France Fax: +33 76 41 42 41 SUNLink X.25 8.0 Rev B FULL, GOSIP Version 2/registered Reason for Removal: Base Products: n/a Tested Hardware/Operating System Platforms: 0093 H/W: SPARCstation 10 Model 41 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Product: X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} Product Code/Type: P-001 WAN Product ID: 151 Fax: (714) 588-2080 Network Access Concentrator (NAC) 4000 FULL, GOSIP Version 2/registered Tested Hardware/Operating System Platforms: 0141 Network Access Concentrator (NAC) 4000 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Product: X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195

CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: 153 Supplier: 000074 Supplier: Sync Research, Incorporated 7 Studebaker Irvine, CA 92718 Sal Mungo Contact Contact: Tel: (714) 588-2070 Fax: (714) 588-2080 GOSIP Product: GOSIP Product: SNA Network Access Converter (SNAC) 6000 Version/Release: Ver 10.010 Release Date: 30-SEP-93 Release Date: Additional Info: Additional Info: FULL, GOSIP Version 2/registered Registration: Registration: Date: 06-MAY-93 Date: Reason for Removal: DERIVED Basis: Rasis: Base Products: Tested Hardware/Operating System Platforms: 0142 Network Access Concentrator (NAC) 4000 SNAC 6000 Proprietary Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Connectivity: 0080 V.24, RS-232C, V.35 Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-1 and ATS:2-2 ATS Used: Conformance Lab: 0361 IBM Corporation - Networking Systems Protocol Center 200 Silicon Drive, P.O. Box 12195 Research Triangle Park, NC 27709-2195 Product Code/Type: P-001 WAN Product ID: 185 Supplier: Supplier: 000096 Telematics International 1201 Cypress Creek Road Fort Lauderdale, FL 33309 Contact: Terry Rihel Contact: Tel: (818) 880-4900 Fax: (818) 880-4726 GOSIP Product: ACP50 X25 Version 10.04 GOSIP Product: Version/Release: Version 10.04 Release Date: 30-JUL-93 Additional Info: Additional Info: Registration: FULL, GOSIP Version 2/registered Registration: Date: 05-AUG-93 Date: Reason for Removal: Basis: **BASE** Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0165 H/W: ACP50 O/S: N/A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Connectivity: 0090 RS-232C Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS Used: ATS:2-1 and ATS:2-2 Conformance Lab: 0364 CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: 000047 **UNISYS** Corporation 8008 Westbrook Drive McLean, VA 22102 Keith Fretz Tel: (703) 556-5665 Fax: (703) 556-5172 X.25 PSCS Version/Release: 51RA & PCRs UP TO 1929 INCLUSIVE 01-OCT-92 PROV, Grndfthrd, V1->V2/registered 19-OCT-92 Reason for Removal: **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0077 DCP-15, DCP/OS 5R2A, TELCON 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 0044RS-232C, V.35 Underlying Stack: None. Underlying Product: Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-001 WAN Product ID: 131 000060 UNISYS Corporation 8008 West Park Drive McLean, VA 22102 Dale Pluta Tel: (703) 556-5682 Fax: (703) 556-5172 CP2000 X.25 Protocol Version/Release: Ver 30.00.192 Release Date: 30-SEP-92 PROV, Grndfthrd, V1->V2/registered 01-FEB-93 Reason for Removal: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0119 CP2000 with LMH Card, O/S CP2000 Operating Software Ver 3.0 Claimed Compatibility Hardware/Software Platforms: 0001 0005 RS-232C Underlying Product: Underlying Stack: None Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:1-1 and ATS:1-2 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301

Supplier:

Product Code/Type: P-001 WAN Product ID:

UNISYS Corporation

000060

Supplier:

Product Code/Type: P-001 WAN Product ID:

Wellfleet Communications, Inc.

000104

201

8008 West Park Drive 8 Federal Street McLean, VA 22102 Billerica, MA 01821 Contact: Dale Pluta Contact: Kathy Huber Tel: (508) 663-6676 Fax: (508) 670-5747 Tel: (703) 556-5682 Fax: (703) 556-5172 GOSIP Product: Email: khuber@wellfleet.com 'JSU6100-X25 Access Feeder Node (AFN) S/W Version 5.81 Version/Release: Version 5.0.3 GOSIP Product: Release Date: 24-SEP-93 Release Date: 01-DEC-93 Version/Release: Version 5.81 Additional Info: None Additional Info: The AFN System is a stand alone self-contained FULL, GOSIP Version 2/registered Registration: router. Date: 24-FEB-94 Reason for Removal: Registration: FULL, GOSIP Version 2/registered 13-OCT-93 Reason for Removal: Basis: BASE Base Products: n/a Date: Base Products: n/a Tested Hardware/Operating System Platforms: 0192 BASE Rasis. H/W: U6000/100 Tested Hardware/Operating System Platforms: 0175 H/W: Access Feeder Node (AFN) O/S: UnixWare Application Server, Version 1.0 O/S: Embedded in Product Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0090 V 35 RS-232C Connectivity: 0089 Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:2-1 & ATS:2-2 ATS:2-2 and ATS:2-1 ATS Used: ATS Used: Conformance Lab: 0364 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory CDA, Incorporated P.O. Box 203, 2450 Swedesford Road 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Paoli, PA 19301 Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 244 200 000104 000104 Supplier: Supplier: Wellfleet Communications, Inc. Wellfleet Communications, Inc. 8 Federal Street 8 Federal Street Billerica, MA 01821 Billerica, MA 01821 Contact: Kathy Huber Contact: Kathy Huber Tel: (508) 663-6676 Fax: (508) 670-5747 Tel: (508) 663-6676 Fax: (508) 670-5747 Email: khuber@wellfleet.com Email: khuber@wellfleet.com Backbone Concentrator Node (BCN) S/W Version GOSIP Product: Link Node (LN) S/W Version 5.81 **GOSIP Product:** Version/Release: Version 5.81 7.70 Version/Release: Version 7.70 Release Date: 24-SEP-93 Release Date: 24-MAR-94 Additional Info: The LN System is a stand-alone self contained Additional Info: Vendor claims CCITT 1988 support. router. Registration: FULL, GOSIP Version 2/registered FULL, GOSIP Version 2/registered 03-MAY-94 Registration: Date: Date: 13-OCT-93 Reason for Removal: Reason for Removal: BASE Basis: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0202 Base Products: n/a Tested Hardware/Operating System Platforms: 0174 Backbone Concentrator Node (BCN)-DSDE I/O Cards. H/W: Link Node (LN) w/ ACE 20 Processor & Dual Sync Dual Claimed Compatibility Hardware/Software Platforms: 0203 Ethernet(DSDE) I/O Card Dual Port Ethernet Link Module (DE) I/O Card O/S: Embedded in GOSIP product Quad Port Ethernet Link Module (QENET) I/O Card Claimed Compatibility Hardware/Software Platforms: 0001 Quad Port Synchronous Link Module (QSYNC) I/O Card Connectivity: 0089 Connectivity: 0089 V 35 V.35 Underlying Stack: None Underlying Product: Underlying Stack: None Underlying Product: n/a Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:2-1 & ATS:2-2 ATS Used: ATS:2-2 and ATS:2-1 ATS Used: Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603

Product Code/Type: P-001 WAN Product ID: Product Code/Type: P-001 WAN Product ID: 245 247 000104 000104 Supplier: Supplier: Wellfleet Communications, Inc. Wellfleet Communications, Inc. 8 Federal Street 8 Federal Street Billerica, MA 01821 Billerica, MA 01821 Kathy Huber Contact: Contact: Kathy Huber Tel:(508) 663-6676 Fax: (508) 670-5747 Tel: (508) 663-6676 Fax: (508) 670-5747 Fmail: khuber@wellfleet.com Email: khuber@wellfleet.com GOSIP Product: GOSIP Product: Link Node (LN) S/W Version 7.70 Concentrator Node (CN) S/W Version 7.70 Version/Release: Version 7.70 Release Date: 24-MAR-94 Version/Release: Version 7.70 Release Date: 24-MAR-94 Additional Info: Claimed HW are I/O Cards which are Additional Info: Vendor claims CCITT 1988 support. interchangeable with the DSDE I/O Card. Multiple I/O Registration: FULL, GOSIP Version 2/registered Cards may be used within the same node. Date: 03-MAY-94 Reason for Removal: Registration: FULL, GOSIP Version 2/registered Basis: BASE Base Products: n/a 17-MAY-94 Reason for Removal: Tested Hardware/Operating System Platforms: 0204 Date: Rasis. DERIVED Base Products: 244 Concentrator Node (CN)-DSDE I/O Cards Tested Hardware/Operating System Platforms: 0207 Claimed Compatibility Hardware/Software Platforms: 0205 H/W: Link Node (LN) DSDE I/O Card Dual Port Ethernet Link Module (DE) I/O Card O/S: Embedded in Product Quad Port Ethernet Link Module (QENET) I/O Card Claimed Compatibility Hardware/Software Platforms: 0208 Quad Port Synchronous Link Module (QSYNC) I/O Card H/W: Quad Port Synchronous Link Module (QSYNC) I/O Card Connectivity: 0089 O/S: Embedded in product Underlying Stack: None Underlying Product: n/a 0089 Connectivity: V 35 Protocols and Profiles: 0001 Underlying Stack: None Underlying Product: 244 X.25 PLP/X.25 LAP-B Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS Used: ATS:2-1 & ATS:2-2 ATS:2-1 & ATS:2-2 Conformance Lab: 0364 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603 Product Code/Type: P-001 WAN Product ID: 248 Product Code/Type: P-001 WAN Product ID: Supplier: 000104 246 000104 Wellfleet Communications, Inc. Supplier: Wellfleet Communications, Inc. 8 Federal Street 8 Federal Street Billerica, MA 01821 Billerica, MA 01821 Contact: Kathy Huber Kathy Huber Tel: (508) 663-6676 Fax: (508) 670-5747 Contact: Email: khuber@wellfleet.com Tel: (508) 663-6676 Fax: (508) 670-5747 Feeder Node (FN) S/W Version 7.70 Email: khuber@wellfleet.com GOSIP Product: Version/Release: Version 7.70 Release Date: 24-MAR-94 GOSIP Product: Backbone Link Node (BLN) S/W Version 7.70 Additional Info: Claimed HW are I/O Cards which are Version/Release: Version 7.70 Release Date: 24-MAR-94 interchangeable with the DSDE I/O Card. Multiple I/O Additional Info: Claimed HW are I/O Cards which are interchangeable with the DSDE I/O Card. Multiple I/O Cards may be used within the same node. FULL, GOSIP Version 2/registered Cards may be used within the same node. Registration: FULL, GOSIP Version 2/registered 17-MAY-94 Reason for Removal: Registration: Date: Base Products: 244 Date: 17-MAY-94 Reason for Removal: Basis: DERIVED Basis: DERIVED Base Products: 244 Tested Hardware/Operating System Platforms: 0210 Tested Hardware/Operating System Platforms: 0209 H/W: Feeder Node (FN) DSDE I/O Card H/W: Backbone Link Node (BLN) DSDE I/O Card O/S: Embedded in product Claimed Compatibility Hardware/Software Platforms: 0208 O/S: Embedded in product H/W: Quad Port Synchronous Link Module (QSYNC) I/O Card Claimed Compatibility Hardware/Software Platforms: 0208 O/S: Embedded in product H/W: Quad Port Synchronous Link Module (QSYNC) I/O Card O/S: Embedded in product 0089 Connectivity: Connectivity: 0089 Underlying Stack: None Underlying Product: 244 Underlying Stack: None Underlying Product: 244 Protocols and Profiles: 0001 Protocols and Profiles: 0001 X.25 PLP/X.25 LAP-B X.25 PLP/X.25 LAP-B X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 PLP [ISO 8208:1990] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} X.25 LAP-B [ISO 7776:1986] {CCITT 1984} ATS:2-1 & ATS:2-2 ATS Used: ATS Used: ATS:2-1 & ATS:2-2 Conformance Lab: 0364 Conformance Lab: 0364 CDA. Incorporated 8301 Greensboro Drive, #350 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350

Product Code/Type: P-002 LAN Product ID: Product Code/Type: P-001 WAN Product ID: 275 Supplier: 000104 Supplier: 000015 Wellfleet Communications, Inc. Bull Information Systems Incorporated 8 Federal Street Technology Park Billerica, MA 01821-4199 Billerica, MA 01821 Contact: Kathy Huber Contact: Kenneth Finkenauer Tel: (508) 663-6676 Fax: (508) 670-5747 Tel: (508) 294-2909 Email: khuber@wellfleet.com GOSIP Product: Local Area Controller Subsystem (LACS) GOSIP Product: Access Feeder Node (AFN) S/W Version 7.70 Version/Release: Release Date: Release Date: 24-MAR-94 Version/Release: Version 7.70 Additional Info: Additional Info: None PROV, GOSIP Version 1/registered Registration: Registration: FULL, GOSIP Version 2/registered Date: 01-APR-91 Date: 22-AUG-94 Reason for Removal: N/A Reason for Removal: Basis: BASE Base Products: N/A Basis: BASE Tested Hardware/Operating System Platforms: 0175 Base Products: n/a H/W: Access Feeder Node (AFN) Tested Hardware/Operating System Platforms: 0012 DPS6000/HVS6 Release 2 O/S: Embedded in Product Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0089 Connectivity: V.35 Not noted. Underlying Stack: N/A Underlying Product: N/A Underlying Stack: None Underlying Product: Protocols and Profiles: 0001 Protocols and Profiles: 0002 X.25 PLP/X.25 LAP-B LLC1{802.2}/MAC & PLS{802.3} X.25 PLP [ISO 8208:1990] {CCITT 1984} LLC1 [ISO 8802-2:1989] X.25 LAP-B [ISO 7776:1986] {CCITT 1984} MAC [ISO 8802-3:1989] PLS [ISO 8802-3:1989] ATS Used: ATS:2-1 & ATS:2-2 Conformance Lab: 0364 ATS Used: ATS:1-3 and ATS:1-6 CDA, Incorporated Conformance Lab: 0363 8301 Greensboro Drive, #350 Corporation for Open Systems International Test Center 8260 Willow Oaks Corp Drive, Suite 700 McLean, VA 22102-3603 Fairfax, VA 22031 Product Code/Type: P-002 LAN Product ID: Supplier: 000034 Product Code/Type: P-002 LAN Product ID: 79 3Com Corporation 000003 Supplier: 5600 Bayfront Plaza, PO Box 58145 Control Data Corporation Santa Clara, CA 95052-8145 4201 North Lexington Avenue Contact: Howard Chan Arden Hills, MN 55126-6198 Tel: (408) 764-5827 Contact: Ronald Swan **GOSIP Product:** Etherlink 16, 3C507 Fax: (612) 482-3616 Tel: (612) 482-6257 Version/Release: Rev A GOSIP Product: CDCNET Ethernet Serial Channel Interface Version/Release: LLC/MAC 1.7.1, PLS 1.6.1 Release Date: 01-AUG-90 Additional Info: Release Date: 01-OCT-92 Registration: PROV, GOSIP Version 1/registered Additional Info: PROV, GOSIP Version 1/registered Date: 14-FEB-92 Registration: Reason for Removal: Date: 15-OCT-92 Basis: BASE Reason for Removal: Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0050 Base Products: n/a PC AT 80386, MS DOS 3.3 Tested Hardware/Operating System Platforms: 0081 Device Interface Model #GH120B, Equipment #DY0227-B, Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0027 Product #2608-6 (Stand-alone Machine) O/S None PLS{802.3}/10Base5 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: Information not available Underlying Product: Connectivity: 0003 Protocols and Profiles: 0007 Not noted. MAC [ISO 8802-3:1989] Underlying Stack: None Underlying Product: ATS Used: ATS:1-3 Protocols and Profiles: 0002 Conformance Lab: 0363 LLC1{802.2}/MAC & PLS{802.3}

LLC1 [ISO 8802-2:1989]

MAC [ISO 8802-3:1989]

ATS:1-3 and ATS:1-6

Fairfax, VA 22031

8260 Willow Oaks Corp Drive, Suite 700

Corporation for Open Systems International Test Center

PLS [ISO 8802-3:1989]

Conformance Lab: 0363

ATS Used:

Corporation for Open Systems International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Product Code/Type: P-003 ES-IS Product ID: 167 Product Code/Type: P-003 ES-IS Product ID: 192 Supplier: 000088 Supplier: 000023 3Com Corporation Cabletron Systems, Inc. 5400 Bayfront Plaza 35 Industrial Way, P.O. Box 5005 Santa Clara, CA 95052-8145 Rochester, NH 03867-5005 Mike Ratzlaff Contact: Contact: Ronald Fotino Tel: (408) 764-6000 Tel: (603) 337-1769 Fax: (408) 764-5002 Fax: (603) 337-1697 GOSIP Product: NETBuilder II Extended WAN 3C6242A-GOSIP GOSIP Product: CRM-L Version/Release: Version 6.1.5 Release Date: 04-JUN-93 Version/Release: Version 9.1 (3.5) Release Date: 01-MAR-93 Additional Info: Additional Info: The product is a stand-alone system with the O/S and I/O functions embedded in the product. Registration: PROV, GOSIP Version 2/registered Date: 23-JUN-93 Reason for Removal: Registration: PROV, GOSIP Version 2/registered Base Products: n/a Date: Reason for Removal: BASE 24-SEP-93 Basis: Tested Hardware/Operating System Platforms: 0151 Basis: BASE Base Products: n/a NETBuilder II (4 or 8 port chassis) with 2 Ethernet Modules Tested Hardware/Operating System Platforms: 0171 SW/NB II-WX, V6.1.5 H/W: CRM-L O/S: CRM-L Version 9.1 (3.5) Claimed Compatibility Hardware/Software Platforms: 0001 H/W: Cisco IGS Router O/S: CRM-L Version 9.1 (3.5) Connectivity: 0093 Claimed Compatibility Hardware/Software Platforms: 0001 Port1: LLC1{802.2}/MAC{802.3}/10Base2 Connectivity: 0086 Port 1: LLC1{802.2}/MAC{802.3}/10Base5 Port2: LLC1{802.2}/MAC{802.3}/10Base5 Port 2: LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: NETBuilder II Ethernet Module (Embedded in Underlying Stack: Embedded in Product Underlying Product: Product) Underlying Product: Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 ATS:2-7.1 Conformance Lab: 0371 ATS Used: Conformance Lab: 0371 Alcatel TITN Test Center Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Pleasanton, CA 94566-3101 Product Code/Type: P-003 ES-IS Product ID: 105 Product Code/Type: P-003 ES-IS Product ID: 206 Supplier: 000100 000088 Cisco Systems Supplier: 3Com Corporation 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 5400 Bayfront Plaza Santa Clara, CA 95052-8145 Alex Tweedlev Contact: Tel: (415) 688-8114 Contact: Mike Ratzlaff Tel: (408) 764-6000 Fax: (408) 764-5002 Fax: (415) 688-4575 NETBuilder II Extended WAN 3C6242A-GOSIP GOSIP Product: GOSIP Product: MGS/3 X.25 Version 2.0 Version/Release: Version 6.2 Release Date: 07-SEP-93 Version/Release: Version 2.0 Additional Info: Release Date: 13-JUL-93 Registration: PROV, GOSIP Version 2/registered Additional Info: Registration: PROV, GOSIP Version 2/registered Date: 15-DEC-93 Reason for Removal: Date: 15-OCT-93 Basis: BASE Reason for Removal: Base Products: n/a Basis: **BASE** Tested Hardware/Operating System Platforms: 0177 Base Products: n/a Tested Hardware/Operating System Platforms: 0162 HW:NETBuilder II with 2 Ethernet Modules OS:SW/NB II-XW H/W: MGS/3 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0102 Port 1: LLCI{802.2}/MAC{802.3}/10BaseT 0099 Connectivity: Port 2: LLC1{802.2}/MAC{802.3}/10BaseT Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Underlying Stack: Embedded in product using the NETBuilder II Port 2: X.25 PLP/X.25 LAP-B/RS-232C WAN: MGS/3 X.25 Version 2.0 LAN: gs3-k Ethernet Module Underlying Stack: 9.1(30)(LLC) and Lance AMD(MAC) Underlying Product: Protocols and Profiles: 0071 Underlying Product: Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 {Dynamic Routing Claimed} ATS:2-7.1 Conformance Lab: 0364 ATS Used: Conformance Lab: 0364 CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

CDA, Incorporated

8301 Greensboro Drive, #350

Product Code/Type: P-003 ES-IS Product ID: Product Code/Type: P-003 ES-IS Product ID: Supplier: 000100 Supplier: 000100 Cisco Systems Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Menlo Park, CA 94026-1435 Contact: Alex Tweedley Alex Tweedley Contact: Tel: (415) 688-8114 Tel: (415) 688-8114 Fax: (415) 688-4575 Fax: (415) 688-4575 GOSIP Product: CGS/3 X.25 Version 2.0 GOSIP Product: AGS+/4 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Release Date: 13-JUL-93 Version/Release: Version 2.0 Additional Info: Additional Info: Registration: PROV, GOSIP Version 2/registered Registration: PROV, GOSIP Version 2/registered 15-OCT-93 Reason for Removal: Date: 15-OCT-93 Reason for Removal: Date: Base Products: n/a Basis: BASE Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0164 Tested Hardware/Operating System Platforms: 0159 H/W: CGS/3 O/S: gs3-k 9.1(30) H/W: AGS+/4 O/S: gs3-k 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT 0101 Connectivity: Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Port 2: X.25 PLP/X.25 LAP-B/V.35 Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Stack: WAN: CGS/3 X.25 Version 2.0. LAN: gs3-k Underlying Stack: WAN: AGS+/4 X.25 Version 2.0 LAN: gs3-k 9.1(30)(LLC) and Lance AMD(MAC) 9.1(30)(LLC) and Lance AMD(MAC) Underlying Product: Protocols and Profiles: 0071 Underlying Product: CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) [ISO 9542:1988] {Dynamic Routing Claimed} ATS:2-7.1 {Dynamic Routing Claimed} ATS:2-7.1 Conformance Lab: 0364 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-003 ES-IS Product ID: 190 Supplier: 000100 Product Code/Type: P-003 ES-IS Product ID: Cisco Systems Supplier: 000100 1525 O'Brien Drive, P.O. Box 3075 Cisco Systems Menlo Park, CA 94026-1435 1525 O'Brien Drive, P.O. Box 3075 Menlo Park, CA 94026-1435 Contact: Alex Tweedley Tel: (415) 688-8114 Fax: (415) 688-4575 Alex Tweedley Contact: GOSIP Product: MGS/4 X.25 Version 2.0 Fax: (415) 688-4575 Tel: (415) 688-8114 Version/Release: Version 2.0 GOSIP Product: AGS+/3 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Additional Info: The MGS/4 runs link and packet X.25 plus CLNP Release Date: ,13-JUL-93 on the same board/CPU with the OS. Additional Info: PROV, GOSIP Version 2/registered PROV, GOSIP Version 2/registered Registration: Registration: Reason for Removal: Date: 17-SEP-93 Date: 15-OCT-93 **BASE** Base Products: n/a Basis: Reason for Removal: Tested Hardware/Operating System Platforms: 0163 **BASE** H/W: MGS/4 Base Products: n/a O/S: gs3-k 9.1(30) Tested Hardware/Operating System Platforms: 0158 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: AGS+/3 Connectivity: 0099 O/S: gs3-k 9.1(30) Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Claimed Compatibility Hardware/Software Platforms: 0001 Port 2: X.25 PLP/X.25 LAP-B/RS-232C Connectivity: 0101 Underlying Stack: WAN: MGS/4 X.25 Version 2.0 LAN: gs3-k Port 1: LLC1{802.2}/MAC{802.3}/10BaseT 9.1(30)(LLC) and Lance AMD(MAC) Port 2: X.25 PLP/X.25 LAP-B/V.35 WAN: AGS+/3 X.25 Version 2.0 LAN: gs3-k Underlying Product: Underlying Stack: Protocols and Profiles: 0071 9.1(30)(LLC) and Lance AMD(MAC) CLNP(IS) [ISO 8473:1988] & ES-IS(IS) [ISO 9542:1988] Underlying Product: {Dynamic Routing Claimed} Protocols and Profiles: 0071 ATS:2-7.1 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] ATS Used: Conformance Lab: 0364 {Dynamic Routing Claimed} CDA, Incorporated ATS Used: ATS:2-7.1 8301 Greensboro Drive, #350 Conformance Lab: 0364 McLean, VA 22102-3603 CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-003 ES-IS Product ID: 198 Product Code/Type: P-003 Intermediate Systems Product ID: 228 000100 Supplier: Supplier: Cisco Systems Cisco Systems 1525 O'Brien Drive, P.O. Box 3075 1525 O'Brien Drive P.O. Box 3075 Menlo Park, CA 94026-1435 Menlo Park, CA 94026-1435 Contact: Alex Tweedley Contact: Alex Tweedley Tel: (415) 688-8114 Fax: (415) 688-4575 Tel: (415) 326-1941 Fax: (415) 688-4575 CGS/4 X.25 Version 2.0 GOSIP Product: **GOSIP Product:** CISCO 4000 X.25 Version 2.0 Version/Release: Version 2.0 Release Date: 13-JUL-93 Version/Release: Version 2.0 Release Date: 14-MAR-94 Additional Info: Additional Info: The CISCO 4000 is a stand-alone product. The PROV, GOSIP Version 2/registered Registration: CISCO 4000 contains all software and hardware Date: 15-OCT-93 Reason for Removal: required for operation. Basis: BASE Base Products: n/a Registration: PROV, GOSIP Version 2/registered Tested Hardware/Operating System Platforms: 0160 Date: 24-FEB-94 Reason for Removal: H/W: CGS/4 O/S: gs3-k 9.1(30) Basis: BASE Base Products: n/a Claimed Compatibility Hardware/Software Platforms: 0001 Tested Hardware/Operating System Platforms: 0194 Connectivity: 0101 H/W: CISCO 4000 O/S: CISCO O/S 9.21 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Claimed Compatibility Hardware/Software Platforms: 0001 Port 2: X.25 PLP/X.25 LAP-B/V.35 Connectivity: Underlying Stack: WAN: CGS/4 X.25 Version 2.0 LAN: gs3-k Port 1: LLC1{802.2}/MAC{802.3}/10BaseT 9.1(30)(LLC) and Lance AMD(MAC) Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Product: Underlying Stack: WAN: CISCO 4000 X.25 Version 2.0: LAN: Protocols and Profiles: 0071 CISCO O/S 9.21(LLC) and Lance AMD(MAC) CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] Underlying Product: {Dynamic Routing Claimed} Protocols and Profiles: 0071 ATS Used: ATS:2-7.1 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] Conformance Lab: 0364 {Dynamic Routing Claimed} CDA, Incorporated ATS Used: ATS:2-7.1 8301 Greensboro Drive, #350 Conformance Lab: 0364 McLean, VA 22102-3603 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-003 ES-IS Product ID: 199 Supplier: 000100 Cisco Systems Product Code/Type: P-003 Intermediate Systems Product ID: 235 1525 O'Brien Drive, P.O. Box 3075 Supplier: 000130 Menlo Park, CA 94026-1435 Cisco Systems Contact: Alex Tweedley 1525 O'Brien Drive P.O. Box 3075 Tel: (415) 688-8114 Menlo Park, CA 94026-1435 Fax: (415) 688-4575 Contact: Alex Tweedley GOSIP Product: IGS/R X.25 Version 2.0 Tel: (415) 326-1941 Fax: (415) 688-4575 Version/Release: Version 2.0 Email: agt@cisco.com Release Date: CISCO 3104 X.25 Version 2.0 13-JUL-93 **GOSIP Product:** Additional Info: Version/Release: Version 2.0 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 3104. The Registration: PROV, GOSIP Version 2/registered Date: 15-OCT-93 CISCO 3104 is a stand-alone product containing all SW and HW required for operation. Compatible HW as listed. Reason for Removal: Basis: BASE PROV, GOSIP Version 2/registered Registration: Reason for Removal: Base Products: n/a Date: 16-MAR-94 Tested Hardware/Operating System Platforms: 0161 Base Products: n/a BASE H/W: IGS/R Tested Hardware/Operating System Platforms: 0198 H/W: CISCO 3101, 3102, & 3104 O/S: CISCO 9.21 O/S: igs-kr 9.1(30) Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Connectivity: 0113 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT X.25 PLP/X.25 LAP-B/V.35 Underlying Stack: WAN: CISCO 3104 X.25 Version 2.0; LAN: Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Stack: WAN: IGS/R X.25 Version 2.0 LAN: gs3-k CISCO O/S 9.21 (LLC) and Lance AMD (MAC) 9.1(30)(LLC) and Lance AMD(MAC) Underlying Product: **Underlying Product:** Protocols and Profiles: 0071 Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} {Dynamic Routing Claimed} ATS:2-7.1 ATS Used: ATS Used: ATS:2-7.1 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350

McLean, VA 22102-3603

8301 Greensboro Drive, #350

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Product Code/Type: P-003 ES-IS Product ID: Product Code/Type: P-003 Intermediate Systems Product ID: Supplier: 000066 000130 Supplier: Cisco Systems Cisco Systems, Incorporated 1525 O'Brien Drive P.O. Box 3075 1525 O'Brien Drive Menlo Park, CA 94026-1435 Menlo Park, CA 94025 Contact: Alex Tweedley Contact: Susan Scheer Tel: (415) 326-1941 Fax: (415) 688-4575 Tel: (415) 688-8131 Fax: (415) 688-7666 Email: agt@cisco.com GOSIP Product: Cisco Systems Router GOSIP Product: CISCO 7000 X.25 Version 2.0 Version/Release: Ver 9 Rel 1 Version/Release: Version 2.0 Release Date: 01-NOV-92 Release Date: 17-JAN-94 Additional Info: Tested hardware platform is CISCO 7000. The Additional Info: PROV, GOSIP Version 2/registered CISCO 7000 is a stand-alone product containing all SW and Registration: HW required for operation. Compatible HW as listed. Date: 20-APR-93 Reason for Removal: Base Products: n/a PROV, GOSIP Version 2/registered Registration: BASE Basis: 10-MAR-94 Tested Hardware/Operating System Platforms: 0029 Date: Reason for Removal: Basis: **BASE** Base Products: n/a MGS, CGS, AGS+, IGS, cisco3000, cisco4000, cisco7000 Tested Hardware/Operating System Platforms: 0197 Cisco Systems Router (Stand-alone System) H/W: CISCO 7000 & 7010 O/S: CISCO 9.21 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0086 Connectivity: Connectivity: 0113 Port 1: LLC1{802.2}/MAC{802.3}/10Base5 X.25 PLP/X.25 LAP-B/V.35 Port 2: LLC1 {802.2}/MAC {802.3}/10Base5 Underlying Stack: WAN: CISCO 7000 X.25 Version 2.0; LAN: Embedded in Cisco Router Product Using Underlying Stack: CISCO O/S 9.21 (LLC) and SEEQ 8003 (MAC) CSC-2E2T Interface Hardware Underlying Product: Underlying Product: Protocols and Profiles: 0071 Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) [ISO 9542:1988] CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 ATS Used: ATS:2-7.1 Conformance Lab: 0364 Conformance Lab: 0371 Alcatel TITN Test Center CDA, Incorporated 8301 Greensboro Drive, #350 7011 Koll Center Parkway, Suite 200 McLean, VA 22102-3603 Pleasanton, CA 94566-3101 Product Code/Type: P-003 Intermediate Systems Product ID: 255 Product Code/Type: P-003 ES-IS Product ID: 218 000130 000102 Supplier: Supplier: Cisco Systems Data General Corporation 1525 O'Brien Drive P.O. Box 3075 4400 Computer Drive Menlo Park, CA 94026-1435 Westboro, MA 01580 Contact: Alex Tweedley Contact: Peter Conway Tel: (415) 326-1941 Tel: (508) 898-7176 Fax: (508) 898-4212 Fax: (415) 688-4575 **GOSIP Product:** Email: agt@cisco.com OSI/Platform for AViiON Systems CISCO 2501 X.25 Version 2.0 Release Date: 01-OCT-93 GOSIP Product: Version/Release: Version 3.30 Version/Release: Version 2.0 Release Date: 14-MAR-94 Additional Info: Model AV8500 tested. Vendor claims support for Additional Info: The CISCO 2501 is a stand-alone product containing other H/W models listed. PROV, GOSIP Version 2/registered all SW and HW required for operation. Registration: Registration: PROV, GOSIP Version 2/registered 04-FEB-94 Reason for Removal: Date: Date: 25-MAY-94 Reason for Removal: Basis: BASE Base Products: n/a Basis: **BASE** Base Products: N/A Tested Hardware/Operating System Platforms: 0240 O/S: DG/UX System for AViiON Tested Hardware/Operating System Platforms: 0214 H/W: AV8500 H/W: CISCO 2501 O/S: CISCO O/S 9.21 Computers, Revision 5.4R2.10 Claimed Compatibility Hardware/Software Platforms: 0215 Claimed Compatibility Hardware/Software Platforms: 0241 H/W: CISCO 2503 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, Connectivity: 0101 AV8000, AV8500, AV9000 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: 0105 Port 2: X.25 PLP/X.25 LAP-B/V.35 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT WAN: CISCO 2501 X.25 Version 2.0; LAN: Port 2: LLC1{802.2}/MAC{802.3}/10BaseT Underlying Stack: CISCO O/S 9.21 (LLC) and Lance AMD(MAC) Underlying Stack: LLC and MAC contained in DG/UX 5.4R2.10, Underlying Product: 254 embedded in product. Protocols and Profiles: 0071 Underlying Product: CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] Protocols and Profiles: 0033 {Dynamic Routing Claimed} CLNP{IS} [ISO 8473:1988] {Static Routing} ATS:2-7.1 ATS Used: ATS Used: ATS:2-7.1 Conformance Lab: 0364 Conformance Lab: 0364

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McLean, VA 22102-3603

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8301 Greensboro Drive, #350

Product Code/Type: P-003 ES-IS Product ID: 184 000091 Supplier: Digital Equipment Corporation Imperial Way Reading, Berks RG20TE United Kingdom Contact: Ken Chamberlain GOSIP Product: DEC Network Integration Server Software (DECNIS) Version/Release: Version 2.1 Release Date: 30-APR-93 Registration: PROV. GOSIP Version 2/registered Date: 05-AUG-93 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0166 H/W: DECNIS 500, DECNIS 600 O/S: DECNIS V.21 with embedded OS Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0097 Port 1: LLC1{802.2}/MAC{802.3}/10Base5 Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Stack: LAN: DEC Network Integration Server S/W, DNSAE-AA, BNEA4D-02, and H4005. WAN: DEC Network Integration Server S/W and DNSAB-AA Underlying Product: Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 Conformance Lab: 0362 Digital Equipment Corporation, OSI Conformance Interoperability Test Center 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289 Product Code/Type: P-003 ES-IS Product ID: 210 000110 Supplier: Proteon, Inc. 9 Technology Drive Westborough, MA 01581-1799 Contact: Bob Reason Tel: (508) 898-2800 Fax: (508) 366-8901 GOSIP Product: CNX500 OSI-ISO CLNP/ESIS/ISIS Version/Release: Version 13.0C Release Date: 01-NOV-93 Additional Info: Currently, IS-IS is not within the scope of the GOSIP program; therefore, the IS-IS portion of this product cannot claim GOSIP compliance. Registration: PROV, GOSIP Version 2/registered Date: 28-DEC-93 Reason for Removal: Basis. RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0180 H/W: CNX500, CNX400, CNX600, DNX300 O/S: Embedded in product Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0102 Port 1: LLCI{802.2}/MAC{802.3}/10BaseT Port 2: LLC1{802.2}/MAC{802.3}/10BaseT Underlying Stack: Embedded in product. Underlying Product: Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} ATS:2-7.1 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-003 ES-IS Product ID: 70 Supplier: 000047 UNISYS Corporation 8008 Westbrook Drive McLean, VA 22102 Contact: Keith Fretz Tel: (703) 556-5665 Fax: (703) 556-5172 GOSIP Product: DCP OSITS Version/Release: 2R1A + 192-194,197,199,202,203,205,207 Release Date: 08-APR-92 Additional Info: Registration: PROV, GOSIP Version 1/registered Date: 16-OCT-92 Reason for Removal: RASE Rasis: Base Products: n/a Tested Hardware/Operating System Platforms: 0078 DCP-15 through DCP-55 Front End Processors DCP/OS Ver 5R2A and TELCON Ver 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0040 Port 1: LLC1{802.2}/MAC{802.3} Port 2: X.25 PLP/X.25 LAP-B Underlying Stack: LAN Platform 2R2A, DCP 802.3 Lan Line Module, Feature #F5137-00. WAN: PSCS (Ver 51RA & PCRs), DCP-15. Underlying Product: Protocols and Profiles: 0033 CLNP{IS} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7.1 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-003 ES-IS Product ID: 186 Supplier: 000097 Wellfleet Communications, Inc. 8 Federal Street Billerica, MA 01821 Dan Mulvey Contact: Tel: (703) 739-6710 Fax: (703) 739-1394 GOSIP Product: Wellfleet Communications Router Version/Release: Version 5.81 Release Date: 24-SEP-93 Registration: PROV, GOSIP Version 2/registered Date: 24-AUG-93 Reason for Removal: Base Products: n/a Basis: **BASE** Tested Hardware/Operating System Platforms: 0168 H/W: Concentrator Node (CN) w/ACE020 proc; OS: Embedded in Concentrator Node (CN) w/ACE030 proc; OS: Embedded in product Link Node (LN) w/ ACE020 processor; OS: Embedded in product Link Node (LN) w/ ACE030 processor; OS: Embedded in product Feeder Node (FN) w/ ACE020 processor; OS: Embedded in product Feeder Node (FN) w/ ACE030 processor; OS: Embedded in product Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0086 Port 1: LLC1{802.2}/MAC{802.3}/10Base5 Port 2: LLC1{802.2}/MAC{802.3}/10Base5 SW: Embedded in Product; I/O Modules: DE Underlying Stack: (Dual Port Ethernet), DSDE (Dual Ethernet/Dual Port Sync), and/or QENET (Quad Port Ethernet) Underlying Product: Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 Conformanœ Lab: 0371

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101

Supplier:

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Product Code/Type: P-003 Intermediate Systems Product ID: 249

000104

Product Code/Type: P-003 ES-IS Product ID:

000104

Supplier:

Wellfleet Communications, Inc. Wellfleet Communications, Inc. 8 Federal Street 8 Federal Street Billerica, MA 01821 Billerica, MA 01821 Contact: Kathy Huber Kathy Huber Contact: Fax: (508) 670-5747 Tel: (508) 663-6676 Tel: (508) 663-6676 Fax: (508) 670-5747 Email: khuber@wellfleet.com Email: khuber@wellsleet.com GOSIP Product: GOSIP Product: Backbone Concentrator Node (BCN) S/W Ver 7.70 Access Feeder Node (AFN) S/W Version 5.81 Release Date: 24-SEP-93 Version/Release: Version 7.70 Release Date: 24-MAR-94 Version/Release: Version 5.81 Additional Info: Claimed HW are I/O Cards which are Additional Info: The AFN is a sealed-standalone router with the interchangeable with the DSDE I/O Card. Multiple I/O CLNP, OS, and underlying stack contained within the product. Registration: PROV, GOSIP Version 2/registered Cards may be used within the same node. PROV, GOSIP Version 2/registered Date: 04-NOV-93 Reason for Removal: Registration: Reason for Removal: Basis: 17-MAY-94 **BASE** Base Products: n/a Date: Tested Hardware/Operating System Platforms: 0175 BASE Base Products: N/A Basis: Tested Hardware/Operating System Platforms: 0211 H/W: Backbone H/W: Access Feeder Node (AFN) O/S: Embedded in Product Claimed Compatibility Hardware/Software Platforms: 0001 Concentrator Node (BCN) - DSDE I/O O/S: Embedded in product Claimed Compatibility Hardware/Software Platforms: 0212 Connectivity: 0101 H/W: Dual Port Ethernet Link Module (DE) I/O Card; Quad Port Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Port 2: X.25 PLP/X.25 LAP-B/V.35 Ethernet Link Module (QENET) I/O Card; Quad Port Synchronous Link Module (QSYNC) I/O Card O/S: Embedded in product Underlying Stack: WAN: Embedded in Product (Access Feeder Node 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT (AFN) S/W Version 5.81) LAN=> S/W: Embedded in Connectivity: Port 2: X.25 PLP/X.25 LAP-B/V.35 Product; I/O Module: Lance AMD(MAC) Underlying Product: Underlying Stack: LAN: Embedded in prod; WAN: Embedded in prod Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) Underlying Product: 244 [ISO 9542:1988] CLNP(IS) [ISO 8473:1988] & Protocols and Profiles: 0071 {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 ES-IS{IS} [ISO 9542:1988] {Dynamic Routing Claimed} Conformance Lab: 0364 ATS Used: ATS:2-7.1 0364 CDA, Incorporated Conformance Lab: 8301 Greensboro Drive, #350 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-003 ES-IS Product ID: 203 Supplier: 000104 Product Code/Type: P-003 Intermediate Systems Product ID: Wellsleet Communications, Inc. 000104 Supplier: Wellfleet Communications, Inc. 8 Federal Street Billerica, MA 01821 8 Federal Street Contact: Kathy Huber Billerica, MA 01821 Tel: (508) 663-6676 Fax: (508) 670-5747 Contact: Kathy Huber Email: khuber@wellfleet.com Tel: (508) 663-6676 Fax: (508) 670-5747 GOSIP Product: Link Node (LN) S/W Version 5.81 Email: khuber@wellfleet.com Version/Release: Version 5.81 Release Date: 24-SEP-93 GOSIP Product: Backbone Link Node (BLN) S/W Version 7.70 Release Date: 24-MAR-94 Additional Info: The LN is a standalone router with the CLNP, OS, Version/Release: Version 7.70 Additional Info: Claimed HW are I/O Cards interchangeable with the and underlying stack contained within the product. PROV, GOSIP Version 2/registered DSDE I/O Card. Multiple Cards may be used within the same node. Registration: Date: 04-NOV-93 Reason for Removal: Registration: PROV, GOSIP Version2/registered Base Products: n/a Date: Reason for Removal: Basis: 17-MAY-94 Tested Hardware/Operating System Platforms: 0176 Basis: **DERIVED** Base Products: 249 H/W: Link Node (LN) w/ ACE 20 Processor Tested Hardware/Operating System Platforms: 0209 O/S: Embedded in Registered Product H/W: Backbone Link Node (BLN) DSDE I/O Card Claimed Compatibility Hardware/Software Platforms: 0001 O/S: Embedded in product Connectivity: 0101 Claimed Compatibility Hardware/Software Platforms: 0212 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT H/W: Dual Port Ethernet Link Module (DE) I/O Card; Quad Port Port 2: X.25 PLP/X.25 LAP-B/V.35 Ethernet Link Module (QENET) I/O Card; Quad Port Synchronous Underlying Stack: LAN=> SW: Embedded in Product; I/O Module: Link Module (QSYNC) I/O Card O/S: Embedded in product DSDE (Dual Sync Dual Ethernet) WAN=> Embedded 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: in the Product (Link Node (LN) S/W Version 5.81) Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Product: Underlying Stack: LAN: Embedded in prod; WAN: Embedded in prod Protocols and Profiles: 0071 Underlying Product: 246 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) [ISO 9542:1988] Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) {Dynamic Routing Claimed} [ISO 9542:1988] {Dynamic Routing Claimed} ATS Used: ATS:2-7.1 ATS Used: ATS:2-7.1 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603

Product Code/Type: P-003 Intermediate Systems Product ID: Product Code/Type: P-003 Intermediate Systems Product ID: 251 Supplier: 000104 Supplier: 000104 Wellfleet Communications, Inc. Wellfleet Communications, Inc. 8 Federal Street 8 Federal Street Billerica, MA 01821 Billerica, MA 01821 Contact: Kathy Huber Contact: Kathy Huber Tel: (508) 663-6676 Fax: (508) 670-5747 Tel: (508) 663-6676 Fax: (508) 670-5747 Email: khuber@wellfleet.com Email: khuber@wellfleet.com GOSIP Product: Feeder Node (FN) S/W Version 7.70 GOSIP Product: Concentrator Node (CN) S/W Version 7.70 Version/Release: Version 7.70 Release Date: 24-MAR-94 Version/Release: Version 7.70 Additional Info: Claimed HW are I/O Cards which are Release Date: 24-MAR-94 interchangeable with the DSDE I/O Card. Multiple I/O Cards Additional Info: Claimed HW are I/O Cards which are may be used within the same node. interchangeable with the DSDE I/O Card. Multiple I/O Cards PROV, GOSIP Version 2/registered Registration: may be used within the same node. Registration: PROV. GOSIP Version 2/registered Date: 17-MAY-94 Reason for Removal: DERIVED Base Products: 249 17-MAY-94 Reason for Removal: Date: Tested Hardware/Operating System Platforms: 0210 Basis: BASE Base Products: N/A H/W: Feeder Node (FN) DSDE I/O Card O/S: Embedded in product Tested Hardware/Operating System Platforms: 0213 Claimed Compatibility Hardware/Software Platforms: 0212 H/W: Concentrator Node (CN) DSDE I/O Card H/W: Dual Port Ethernet Link Module (DE) I/O Card; Quad Port O/S: Embedded in product Ethernet Link Module (QENET) I/O Card; Quad Port Synchronous Claimed Compatibility Hardware/Software Platforms: 0212 Link Module (QSYNC) I/O Card O/S: Embedded in product H/W: Dual Port Ethernet Link Module (DE) I/O Card; Quad Port Connectivity: 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Ethernet Link Module (QENET) I/O Card; Quad Port Synchronous Port 2: X.25 PLP/X.25 LAP-B/V.35 Link Module (QSYNC) I/O Card O/S: Embedded in product Underlying Stack: LAN: Embedded in prod; WAN: Embedded in prod 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Product: 248 Protocols and Profiles: 0071 CLNP{IS} [ISO 8473:1988] & ES-IS{IS} Underlying Stack: LAN: Embedded in prod; WAN: Embedded in prod [ISO 9542:1988] {Dynamic Routing Claimed} Underlying Product: 247 ATS Used: Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) ATS:2-7.1 {Dynamic Routing Claimed} Conformance Lab: 0364 [ISO 9542:1988] CDA, Incorporated ATS:2-7.1 ATS Used: 8301 Greensboro Drive, #350 Conformance Lab: 0364 CDA, Incorporated McLean, VA 22102-3603 8301 Greensboro Drive, #350 Product Code/Type: P-003 Intermediate Systems Product ID: McLean, VA 22102-3603 252 Supplier: 000104 Wellfleet Communications, Inc. 8 Federal Street Product Code/Type: P-003 Intermediate Systems Product ID: 276 Billerica, MA 01821 000104 Supplier: Wellfleet Communications, Inc. Contact: Kathy Huber Tel: (508) 663-6676 Fax: (508) 670-5747 8 Federal Street Email: khuber@wellfleet.com Billerica, MA 01821 GOSIP Product: Link Node (LN) S/W Version 7.70 Kathy Huber Contact: Tel: (508) 663-6676 Version/Release: Version 7.70 Release Date: 24-MAR-94 Fax: (508) 670-5747 Email: khuber@wellfleet.com Additional Info: Claimed HW are I/O Cards which are interchangeable with the DSDE I/O Card. Multiple I/O Cards GOSIP Product: Access Feeder Node (AFN) S/W Version 7.70 may be used within the same node. Version/Release: Version 7.70 Release Date: 24-MAR-94 Registration: PROV, GOSIP Version 2/registered Additional Info: None FULL, GOSIP Version 2/registered Registration: Date: 17-MAY-94 Reason for Removal: Basis: DERIVED Base Products: 249 Date: 22-AUG-94 Reason for Removal: N/A Tested Hardware/Operating System Platforms: 0207 Basis: BASE Base Products: N/A H/W: Link Node (LN) DSDE I/O Card O/S: Embedded in Product Tested Hardware/Operating System Platforms: 0175 H/W: Access Feeder Node (AFN) O/S: Embedded in Product Claimed Compatibility Hardware/Software Platforms: 0212 H/W: Dual Port Ethernet Link Module (DE) I/O Card; Quad Port Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Ethernet Link Module (QENET) I/O Card; Quad Port Synchronous Link Module (QSYNC) I/O Card O/S: Embedded in product Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Stack: LAN: Embedded in Prod; WAN: Embedded in Prod 0101 Port 1: LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: Port 2: X.25 PLP/X.25 LAP-B/V.35 Underlying Product: 275 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) Underlying Stack: LAN: Embedded in prod; WAN: Embedded in prod Protocols and Profiles: 0071 {Dynamic Routing Claimed} Underlying Product: 245 [ISO 9542:1988] ATS:2-7.1 Protocols and Profiles: 0071 CLNP(IS) [ISO 8473:1988] & ES-IS(IS) ATS Used: [ISO 9542:1988] {Dynamic Routing Claimed} Conformance Lab: 0364 ATS Used: ATS:2-7.1 CDA, Incorporated Conformance Lab: 0364 8301 Greensboro Drive, #350 McLean, VA 22102-3603 CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 219 Supplier: 000015 Bull Information Systems Incorporated Technology Park Billerica, MA 01821-4199 Contact: Kenneth Finkenauer Tel: (508) 294-2909 Fax: GOSIP Product: GCOS6/HVS Version/Release. Release 2.0 Update 3 Release Date: 23-MAR-92 Additional Info: Registration: PROV, GOSIP Version 1/registered Date: 04-FEB-94 Reason for Removal: Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0184 H/W: DPS6000 w/LACS Controller O/S: HVS6 Release 2 Update 3 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0106 LLC1 {802.2}/MAC{802.3}/LACS Controller IOS 8802.2/8802.3 on Bull HN LACS Controller Underlying Stack: for HVS6 Systems Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP(ES) Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-9 and ATS:1-7 Conformance Lab: 0355 Bull HN Conformance Test Center 13430 N Black Canyon Hwy, P.O. Box 8000 Phoenix, AZ 85029 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 230 Supplier: 000127 Bull Information Systems, Inc. 13430 North Black Canyon Phoenix, AZ 85029 Oscar Hefner Contact: Tel: (602) 862-6001 Fax: (602) 862-4026 DPX/20 AIX 3 Stack B GOSIP Product: Version/Release: Version 1.0 Release Date: 01-OCT-93 Additional Info: None PROV, GOSIP Version 2/registered Registration: Date: 08-MAR-94 Reason for Removal: Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0195 H/W: DPX/20 Models 100, 400, 600, & 800 O/S: AIX Version 3 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0107

LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: DPX/20 AIX 802.3 Underlying Product: Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed) ATS Used: ATS:2-9.1 and ATS:2-7 Conformance Lab: 0370 Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208

38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 94 000001 Supplier: Bull Information Systems, Incorporated 13430 North Black Canyon Highway Phoenix, AZ 85029 Oscar Hefner Contact: Tel: (602) 862-6001 Fax: (602) 862-6051 GOSIP Product: DPX/2 B.O.S. (Stack B) Version/Release: Ver 2 Release Date: 01-OCT-91 Additional Info: None PROV, Grndfthrd, V1->V2/registered Registration: 13-NOV-92 Date: Reason for Removal: Basis: **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0087 DPX/2 200, O/S B.O.S. 2 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: DPX/2 X.25 Packet Layer; DPX/2 X.25 Frame Layer Underlying Product: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS Used: ATS:1-8 Conformance Lab: 0370 Conformance Expert Center for OSI Bull - CECOB 1 Rue de Provence, BP 208 38432 Echirolles France Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 95 Supplier: Bull Information Systems, Incorporated 13430 North Black Canyon Highway Phoenix, AZ 85029 Contact: Oscar Hefner Tel: (602) 862-6001 Fax: (602) 862-6051 Datanet (DCP 7500) GOSIP Product: Version/Release: DNS Ver 4 Update 1 Release Date: 01-JAN-92 Additional Info: None PROV, Grndfthrd, V1->V2/registered Registration: Date: 13-NOV-92 Reason for Removal: BASE Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0086 DCP 7500 O/S DNS Ver 4 Update 1 Claimed Compatibility Hardware/Software Platforms: 0001 0046 Connectivity: X.25 PLP/HDLC LAP-B Underlying Stack: DATANET DCP 7500 X.25 Packet Layer DATANET DCP 7500 X.25 Frame Layer Underlying Product: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS Used: ATS:1-8 Conformance Lab: 0370 Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208

38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 96

Supplier: 000001

Contact:

Bull Information Systems, Incorporated 13430 North Black Canyon Highway

Phoenix, AZ 85029 Oscar Hefner

Tel: (602) 862-6001

Fax: (602) 862-6051

GOSIP Product: DPX/2 B.O.S. (Stack B)

Version/Release: Ver 2 Release Date: 01-OCT-91

Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered

13-NOV-92 Date: Reason for Removal: DERIVED Rasis.

Base Products:

Tested Hardware/Operating System Platforms: 0087

DPX/2 200, O/S B.O.S. 2

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: DPX/2 X.25 Packet Layer; DPX/2 X.25 Frame Layer

Underlying Product:

Protocols and Profiles: 0003

TP4-CLNS/CLNP(ES)

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 AND ATS:1-9

Conformance Lab: 0370

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 97

Supplier:

Bull Information Systems, Incorporated

13430 North Black Canyon Highway Phoenix, AZ 85029

Oscar Hefner Contact:

Tel: (602) 862-6001

Fax: (602) 862-6051

GOSIP Product: DPX/2 B.O.S. (Stack B)

Version/Release: Ver/Rel 2 Release Date: 01-OCT-91 Additional Info: None

Registration: PROV, Grndfthrd, V1-> V2/registered

13-NOV-92 Date: Reason for Removal: BASE Basis: Base Products: n/a

Tested Hardware/Operating System Platforms: 0087

DPX/2 200, O/S B.O.S. 2

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0010

LLC1{802.2}/MAC{802.3}

Underlying Stack: DPX/2, BOS 2, ISO 8802-2/3 (LAN)

Underlying Product:

Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989]

CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS:1-7 AND ATS:1-9 Conformance Lab: 0370

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 98

Supplier: 000001

Bull Information Systems, Incorporated 13430 North Black Canyon Highway

Phoenix, AZ 85029

Contact: Oscar Hefner

> Tel: (602) 862-6001 Fax: (602) 862-6051

GOSIP Product: **DATANET DCP 7500** Version/Release: DNS Ver 4 Update 1

Release Date: 01-JAN-92 Additional Info: None

PROV, Grndfthrd, V1->V2/registered Registration: 13-NOV-92 Reason for Removal:

Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0086

DCP 7500

O/S DNS Ver 4 Update 1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0010

LLC1{802.2}/MAC{802.3}

Underlying Stack: Datanet DCP 7500 ISO 8802-2/3 (LAN)

Underlying Product:

Date:

Protocols and Profiles: 0003

TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 AND ATS:1-9

0370 Conformance Lab:

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 99

Supplier:

Bull Information Systems, Incorporated 13430 North Black Canyon Highway

Phoenix, AZ 85029

Contact:

Oscar Hefner

Tel: (602) 862-6001 Fax: (602) 862-6051

DATANET DCP 7500 GOSIP Product: Version/Release: DNS Ver 4 Update 1

Release Date: 01-JAN-92 Additional Info: None

Registration: PROV, Grindfthrd, V1->V2/registered

Date: 13-NOV-92 Reason for Removal: Basis: **DERIVED**

Base Products:

Tested Hardware/Operating System Platforms: 0086

DCP 7500

O/S DNS Ver 4 Update 1

Claimed Compatibility Hardware/Software Platforms: 0001

0046 Connectivity:

X.25 PLP/HDLC LAP-B

Datanet DCP 7500 X.25 Packet Layer; Datanet Underlying Stack:

DCP 7500 X.25 Frame Layer

Underlying Product:

Protocols and Profiles: 0011

Transport Class 4-CONS [ISO 8073:1988]

ATS:1-9 ATS Used: Conformance Lab: 0370

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 101

Supplier: 000001

Bull Information Systems, Incorporated 13430 North Black Canyon Highway

Phoenix, AZ 85029

Contact:

Oscar Hefner

Tel: (602) 862-6001 Fax: (602) 862-6051

GOSIP Product: DPX/2 B.O.S (Stack B)

Version/Release: 2

Release Date: 01-OCT-92 Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 13-NOV-92 Reason for Removal: Basis: DERIVED Base Products:

Tested Hardware/Operating System Platforms: 0087

DPX/2 200, O/S B.O.S. 2

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046 X.25 PLP/HDLC LAP-B

Underlying Stack: DPX/2 X.25 Packet Layer; DPX/2 X.25 Frame Layer

Underlying Product:

Protocols and Profiles: 0011

Transport Class 4-CONS [ISO 8073:1988]

ATS Used: ATS:1-9 Conformance Lab: 0370

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 169

Supplier: 000001

Contact:

Bull Information Systems, Incorporated 13430 North Black Canyon Highway

Phoenix, AZ 85029 Oscar Hefner

Tel: (602) 862-6001 Fax: (602) 862-6051

GOSIP Product: DATANET DCP 7500 Version/Release: DNS Ver 4 Update 1

Release Date: 01-JAN-92 Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 13-NOV-92 Reason for Removal: Basis: DERIVED

Base Products:

Tested Hardware/Operating System Platforms: 0086

DCP 7500

O/S DNS Ver 4 Update 1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: Datanet DCP 7500 X.25 Packet Layer; Datanet

DCP 7500 X.25 Frame Layer.

Underlying Product:

Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 AND ATS:1-9

Conformance Lab: 0370

Conformance Expert Center for OSI Bull - CECOB

1 Rue de Provence, BP 208 38432 Echirolles France

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 38

Supplier: 000035

Control Data Corporation 4201 North Lexington Avenue Arden Hills, MN 55126-6198

Contact: J. Carey

Tel: (612) 482-2567 Fax: (612) 482-2791 GOSIP Product: Control Data EP/IX Access & Directory

Version/Release: Ver 1.4.2 Release Date: 27-NOV-91 Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 25-FEB-92
Reason for Removal:
Basis: BASE
Base Products: n/a

Tested Hardware/Operating System Platforms: 0052

Control Data 4000

Control Data EP/IX Version 1.4.2

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0027 PLS{802.3}/10Base5 Underlying Stack: Underlying Product:

Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989]
CLNP(ES) [ISO 8473:1988] {Static Routing}

CLNP{ES} [ISO 8473:1988] {Static Routing}
TS Used: ATS:1-7 and ATS:1-9

ATS Used: ATS:1-7 as Conformance Lab: 0354

Control Data Corporation, OSI Accredited Test Center

4201 North Lexington Avenue Arden Hills, MN 55126-6198

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 88

Supplier: 000003

Control Data Corporation 4201 North Lexington Avenue Arden Hills, MN 55126-6198

Contact: Ronald Swan

Tel: (612) 482-6257
Fax: (612) 482-3616
GOSIP Product: CDCNET
Version/Release: Ver 1.6.1 / B720

Additional Info: None

Release Date: 01-MAR-92

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 09-NOV-92
Reason for Removal:
Basis: BASE
Base Products: n/a

Tested Hardware/Operating System Platforms: 0083

CDCNET Device Interface DY-227-B, O/S NONE

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: CDCNET, Ver 1.6.1, X.25 Underlying Product:

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

ATS Used: ATS:1-8 Conformance Lab: 0354

Control Data Corporation, OSI Accredited Test Center

4201 North Lexington Avenue Arden Hills, MN 55126-6198

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 170 Supplier: Supplier: 000036 Control Data Corporation 4201 North Lexington Avenue Arden Hills, MN 55126-6198 Contact: Ronald Swan Contact: Tel: (612) 482-6257 Fax: (612) 482-3616 GOSIP Product: CDCNET GOSIP Product: Version/Release: 1.7.1/BCU #803AA Release Date: 01-MAR-92 Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered Additional Info: Date: 09-FEB-93 Reason for Removal: Registration: Basis: **BASE** Base Products: n/a Date: Tested Hardware/Operating System Platforms: 0153 Reason for Removal: CYBER 930 Host and Mainframe Device Interface (MDI), Basis: BASE Mainframe Device Interface (TDI), or Integrated Communications Base Products: n/a Adapter (ICA) CYBER O/S, NOS/Ver 1.7.7, ICA is stand-alone (Self Contained) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0010 LLC1 {802.2}/MAC {802.3} Underlying Stack: CDCNET Ethernet Serial Channel Interface Connectivity: 0010 Product 46 (P-2 LAN) (Registered October 15, 1992) Underlying Product: Underlying Stack: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS: 1-7 AND ATS:1-9 ATS Used: Conformance Lab: 0371 Conformance Lab: 0354 Control Data Corporation, OSI Accredited Test Center 4201 North Lexington Avenue Arden Hills, MN 55126-6198 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 233 Supplier: 000128 Cray Communications A/S 000036 Supplier: Smedeholm 12-14 Herlev DK 2730 Denmark Sven Olav Lund Contact: Fax: 45 44 53 14 15 Tel: 45 44 53 01 00 Contact: GOSIP Product: Cray OSI/TP4 Protocol Stack Version/Release: Version 6.21 Release Date: 12-MAR-93 Additional Info: Tested hardware platform for this submission is the **GOSIP Product:** CS-7000. Vendor claims other hardware compatibility as listed in this registration. PROV, GOSIP Version 2/registered Registration: Additional Info: Date: 08-MAR-94 Reason for Removal: Registration: Basis: BASE Base Products: n/a Date: Reason for Removal: Tested Hardware/Operating System Platforms: 0196 H/W: CS-6101,CS-6264,CS-6364,CS-6600,CS-7000,CS-1400 Basis: **BASE** H/W: TM-0101,TM-0201,TM-0601,TM-0602 Base Products: n/a O/S: Cray Kernel V6.10 (xcmts610.ncc) Claimed Compatibility Hardware/Software Platforms: 0001 0112 LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: Cray Kernel V6.10 (xcmts610.ncc) Underlying Product: 0046 Connectivity: Protocols and Profiles: 0004 TP4-CLNS/CLNP{ES} & ES-IS{ES} Underlying Stack: Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed} ATS Used: ATS Used: Conformance Lab: 0371 ATS:2-9.2 and ATS:2-7 Conformance Lab: 0357 7011 Koll Center Parkway, Suite 200 National Computing Centre Limited Pleasanton, CA 94566-3101 Oxford Road

Manchester M17ED United Kingdom

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 76 Data General Corporation 4400 Computer Drive, MS/D216 Westboro, MA 01580 Charles Stakus Tel: (508) 870-6392 Fax: (508) 898-4694 OSI/Platform for AViiON Systems Version/Release: Ver 3.0 Release Date: 01-JUN-92 PROV, Grndfthrd, V1-> V2/registered 23-OCT-92 Tested Hardware/Operating System Platforms: 0053 AViiON 5000/6000 Series DG/UX System for AViiON Systems Rev. 5.4.1 Claimed Compatibility Hardware/Software Platforms: 0001 LLC1{802.2}/MAC{802.3} Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 and ATS:1-9 Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 77 Data General Corporation 4400 Computer Drive, MS/D216 Westboro, MA 01580 Charles Stakus Tel: (508) 870-6392 Fax: (508) 898-4694 OSI/Platform for AViiON Systems Version/Release: Ver 3.0 Release Date: 01-JUN-92 PROV, Grndfthrd, V1->V2/registered 23-OCT-92 Tested Hardware/Operating System Platforms: 0053 AViiON 5000/6000 Series DG/UX System for AViiON Systems Rev. 5.4.1 Claimed Compatibility Hardware/Software Platforms: 0001 X.25 PLP/HDLC LAP-B Underlying Product: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS:1-8 Alcatel TITN Test Center

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 207 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 89 Supplier: 000036 Supplier: 000102 Data General Corporation Data General Corporation 4400 Computer Drive, MS/D216 4400 Computer Drive Westboro, MA 01580 Westboro, MA 01580 Contact: Charles Stakus Contact: Peter Conway Tel: (508) 870-6392 Fax: (508) 898-4694 Tel: (508) 898-7176 Fax: (508) 898-4212 OSI/Platform for AViiON Systems GOSIP Product: **GOSIP Product:** OSI/Platform for AViiON Systems Version/Release: Ver 3.0 Version/Release: Version 3.30 Release Date: 01-OCT-93 Release Date: 01-JUN-92 Additional Info: Product tested over AViiON AV8500 Additional Info: None Registration: PROV, GOSIP Version 2/registered PROV, Grndfthrd, V1->V2/registered Registration: Reason for Removal: Date: 13-NOV-92 Reason for Removal: Date: 20-DEC-93 Basis: **DERIVED** Base Products: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0240 Tested Hardware/Operating System Platforms: 0053 AViiON 5000/6000 Series H/W: AV8500 DG/UX System for AViiON Systems Rev. 5.4.1 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 Claimed Compatibility Hardware/Software Platforms: 0241 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, AV8000, AV8500, AV9000 X.25 PLP/HDLC LAP-B Underlying Stack: X.25 for AViiON Systems, Ver. 2.20 Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Product: Underlying Stack: X.25 for AViiON Systems, Ver. 2.40, 01-OCT-93, Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} GOSIP Ver. 2, Product ID 204 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Product: CLNP{ES} [ISO 8473:1988] {Static Routing} Protocols and Profiles: 0010 ATS Used: ATS:1-7 AND ATS:1-9 Transport Class 0 [ISO 8073:1988] Conformance Lab: 0391 ATS Used: ATS:2-8 Data General Corporation, OSI Conformance Test Center Conformance Lab: 0364 CDA, Incorporated 4400 Computer Drive, MS/D216 Westborough, MA 01580 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-004 TRANSPORT and CLNP Product 1D: 211 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 193 Supplier: 000102 Supplier: 000102 Data General Corporation Data General Corporation 4400 Computer Drive 4400 Computer Drive Westboro, MA 01580 Westboro, MA 01580 Contact: Peter Conway Peter Conway Contact: Tel: (508) 898-7176 Tel: (508) 898-7176 Fax: (508) 898-4212 Fax: (508) 898-4212 GOSIP Product: OSI/Platform for AViiON Systems GOSIP Product: OSI/Platform for AViiON Systems Version/Release: Version 3.30 Release Date: 01-OCT-93 Version/Release: Version 3.30 Release Date: 01-OCT-93 Additional Info: Product tested on Model AV8500 platform. Vendor Additional Info: Model AV8500 tested. Vendor claims support for other H/W models listed. claims support for other H/W platforms as listed. PROV, GOSIP Version 2/registered PROV, GOSIP Version 2/registered Registration: Registration: Reason for Removal: Reason for Removal: Date: 30-SEP-93 Date: 13-JAN-94 Basis: BASE Base Products: n/a Basis: DERIVED Base Products: Tested Hardware/Operating System Platforms: 0240 Tested Hardware/Operating System Platforms: 0240 H/W: AV8500 H/W: AV8500 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 Claimed Compatibility Hardware/Software Platforms: 0241 Claimed Compatibility Hardware/Software Platforms: 0241 H/W: AViiON AV500, AV4000, AV500, AV6000, AV7000, H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, AV8000, AV8500, AV9000 AV8000, AV8500, AV9000 0095 LLC1{802.2}/MAC{802.3}/10BaseT 0063 X.25 PLP/X.25 LAP-B/RS-232C Connectivity: Connectivity: LAN: LLC and MAC contained in DG/UX Underlying Stack: X.25 for AViiON Systems, Version 2.40, Underlying Stack: 01-OCT-93, GOSIP Version 2, Product ID: 204 5.4R2.10, embedded in product. Underlying Product: Underlying Product: Protocols and Profiles: 0004 Protocols and Profiles: 0004 TP4-CLNS/CLNP{ES} & ES-IS{ES} TP4-CLNS/CLNP(ES) & ES-IS(ES) Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed} Rtng Claimed) ATS Used: ATS:2-7 and ATS:2-9.2 ATS:2-7 and ATS:2-9.2 ATS Used: Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated

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Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 128 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 144 Supplier: Supplier: 000005 Digital Equipment Corp Digital Equipment Corp 550 King Street 550 King Street Littleton, MA 01460-1289 Littleton, MA 01460-1289 Contact: Richard Duhamel Contact: Richard Duhamel Tel: (508) 486-5021 Fax: (508) 486-7417 Tel: (508) 486-5021 Fax: (508) 486-7417 Ema.1. duhamel@woof.enet.dec.com Email: duhamel@woof.enet.dec.com GOSIP Product: DECnet-VAX (TM) Ver 5.4 EXTENSIONS **GOSIP Product:** DECnet/OSI for ULTRIX Version/Release: Ver 5.4 Version/Release: Ver 5.1-ECO0193 Release Date: 02-JAN-93 Release Date: 01-SEP-91 Additional Info: None Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered PROV, Grndfthrd, V1->V2/registered Registration: Date: 31-MAR-93 Reason for Removal: Date: 26-JAN-93 Reason for Removal: Base Products: n/a **Rasis:** BASE Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0135 Tested Hardware/Operating System Platforms: 0113 1- DECstations 2100, 3100s, 5000/20, 5000/25, 5000/125, 5000/200, MicroVAX 3800 VMS Ver 5.4 and 500/240 w Integrated Ethernet Controller ULTRIX Worksystem Software, Ver 4.2A Claimed Compatibility Hardware/Software Platforms: 0001 0046 X.25 PLP/HDLC LAP-B 2- DECsystems 5000/200, 5000/240, 5100, 5400, 5500, 5810, 5820. Connectivity: Underlying Stack: VAX Packet System Interface for DECnet(TM) 5830, 5840, 5900 with Integrated Ethernet Controller 5.4 Extensions, September 1991 **ULTRIX** Ver 4.2A Underlying Product: Claimed Compatibility Hardware/Software Platforms: 0001 0010 LLC1{802.2}/MAC{802.3} Protocols and Profiles: 0010 Connectivity: Transport Class 0 [ISO 8073:1988] Underlying Stack: DECNet/OSI for ULTRIX Ver 5.1-EC00193 ATS Used ATS:1-8 Layered product for ULTRIX; Chipset integrated with the CPU Conformance Lab: 0362 Underlying Product: Digital Equipment Corporation, OSI Conformance Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Interoperability Test Center 550 King Street, MS LKG2A/R5 CLNP{ES} [ISO 8473:1988] {Static Routing} Littleton, MA 01460-1289 ATS:1-7 and ATS:1-9 ATS Used: Conformance Lab: 0362 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 129 Digital Equipment Corporation, OSI Conformance Supplier: 000005 Interoperability Test Center Digital Equipment Corp 550 King Street, MS LKG2A/R5 550 King Street Littleton, MA 01460-1289 Littleton, MA 01460-1289 Richard Duhamel Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 268 Contact: Tel: (508) 486-5021 Fax: (508) 486-7417 Supplier: 000005 Email: duhamel@woof.enet.dec.com Digital Equipment Corp GOSIP Product: DECnet/OSI for OpenVMS VAX V5.5/VOTS, v3.0A 550 King Street Version/Release: Ver 3.0A Release Date: 11-SEP-92 Littleton, MA 01460-1289 Additional Info: None Contact: Richard Duhamel Registration: PROV, Grndfthrd, V1->V2/registered Tel: (508) 486-5021 Fax: (508) 486-7417 Date: 13-JAN-93 Reason for Removal: Email: duhamel@woof.enet.dec.com DECnet/OSI for DEC OSF/1 AXP Basis: DERIVED Base Products: **GOSIP Product:** Release Date: 14-MAR-94 Tested Hardware/Operating System Platforms: 0115 Version/Release: Version 2.0 MicroVAX - II, 2000, 3100, 3300/3400, 3500, 3600, 3800, 3900; Additional Info: Minimum memory configuration is 32 MB, and minimum space requirement is 680 MB. VAXstation - II, 2000, 3100, 3200, 3500, 3520, 3540, 4000; PROV, GOSIP Version 2/registered VAXserver - 3100, 3300/3400, 3500, 3600, 3602, 3800, 3900, 6000; Registration: Reason for Removal: N/A VAX - 11/730, 11/750, 11/780, 11/785, 4000, 6000, 8200, 8250, 8300, Date: 22-AUG-94 8350, 85xx, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840, 9000; Basis: BASE Base Products: N/A VAXft - M110/310, M410/610/612, WITH O/S OpenVMS V5.5 Tested Hardware/Operating System Platforms: 0221 Claimed Compatibility Hardware/Software Platforms: 0001 DEC 3000 Model 500 AXP Workstation 0010 LLC1{802.2}/MAC{802.3} DEC OSF/1 Operating System, Version 2.0 Digital DESQA CSMA/CD LAN Controller; DEC Claimed Compatibility Hardware/Software Platforms: 0251 Underlying Stack: H/W: DEC 3000 Models 300, 300X, 300LX, 400, 500X, 600 & (MAU) 44005; DEC (AUI) BNE4D-02; DEC (LLC) OpenVMS for VAX, Ver 5.5-2 800 AXP Workstations O/S: DEC 3000 Models 400, 500, 600 & 800 AXP Servers Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} 0127 X.25 PLP/X.25 LAP-B/RS232 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Stack: X.25 V1.0A for DEC OSF/1 Systems CLNP{ES} [ISO 8473:1988] {Static Routing} Underlying Product: 270 ATS Used: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS:1-7 AND ATS:1-9 Conformance Lab: 0362 ATS Used: ATS:2-8 0357 Digital Equipment Corporation, OSI Conformance Conformance Lab: Interoperability Test Center National Computing Centre Limited 550 King Street, MS LKG2A/R5 Oxford Road

Littleton, MA 01460-1289

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Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 271 Supplier: 000005 Digital Equipment Corp 550 King Street Littleton, MA 01460-1289 Contact: Richard Duhamel Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com GOSIP Product: DECnet/OSI V5.7 for OpenVMS AXP Version/Release: Version 5.7 Release Date: 18-MAY-94 Additional Info: Minimum memory configuration is 32 MB, and minimum disk space requirement is 407 MB. Registration: PROV, GOSIP Version 2/registered Date: 22-AUG-94 Reason for Removal: N/A BASE Base Products: N/A Tested Hardware/Operating System Platforms: 0249 H/W: DEC 3000 Model 500 AXP Workstation O/S: OpenVMS AXP V6.1 Claimed Compatibility Hardware/Software Platforms: 0250 H/W: DEC 2000 Models 300 & 500 AXP Workstations O/S: DEC 2100 Server A500MP H/W: DEC 3000 Models 300,300L,300X,300LX,400,500,500X, 600&800 AXP Workstations O/S: DEC 3000 Models 400, 500, 600 & 800 AXP Servers Connectivity: 0127 X.25 PLP/X.25 LAP-B/RS232 Underlying Stack: X.25 V1.0 for Open VMS AXP Systems Underlying Product: 272 Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS Used: ATS:2-8 Conformance Lab: 0357 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 54 Supplier: 000045 Digital Equipment Corporation Digital Park Reading RG2 OTE United Kingdom Contact: Bill Daley GOSIP Product: DECnet-VAX (TM) Extensions V5.4A/VOTS V3.0A Version/Release: 5.4A Release Date: 01-APR-92 Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered Date: 16-AUG-92 Reason for Removal: BASE Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0066 Digital VAX Computer with VMS C5.4A+ Operating System Claimed Compatibility Hardware/Software Platforms: 0001 0010 LLC1{802.2}/MAC{802.3} Connectivity: Underlying Stack: Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 and ATS:1-9 Conformance Lab: 0362 Digital Equipment Corporation, OSI Conformance Interoperability Test Center 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 240 000106 Supplier: Digital Equipment Corporation, OSI Conformance Interoperability Test Center 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289 Richard Duhamel Contact: Tel: (508) 486-5021 Fax: (508) 486-5514 Email: duhamel@woof.enet.dec.com DECnet/OSI for Open VMS VAX GOSIP Product: Release Date: 21-JAN-94 Version/Release: Version 5.7 Additional Info: None PROV, GOSIP Version 2/registered Registration: 09-JUN-94 Reason for Removal: Date: Base Products: N/A BASE Basis: Tested Hardware/Operating System Platforms: 0223 H/W: VAXserver 3600 O/S: OpenVMS VAX Operating System V 6.0 Claimed Compatibility Hardware/Software Platforms: 0224 Processors Not Supported: MicroVAX I, VAXstation I, VAX-11/725, VAX-II/782, and VAXstation 8000; All other VAX supported 0119 LLC1{802.2}/MAC{802.3}/10Base2 Connectivity: Underlying Stack: Embedded in Product Underlying Product: N/A Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) Transport Class 4-CLNS [ISO 8073:1988/Add2:1989]; CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed} ATS:2-7 & ATS:2-9.2 ATS Used: Conformance Lab: 0357 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 243 Supplier: Digital Equipment Corporation, OSI Conformance Interoperability Test Center 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289 Contact: Richard Duhamel Tel: (508) 486-5021 Fax: (508) 486-5514 Email: duhamel@woof.enet.dec.com GOSIP Product: DECnet/OSI Version 2.0 for DEC OSF/1 AXP Version/Release: Version 2.0 Release Date: 14-MAR-94 Additional Info: Registration: PROV, GOSIP Version 2/registered Date: 09-JUN-94 Reason for Removal: Basis: BASE Base Products: Tested Hardware/Operating System Platforms: 0221 DEC 3000 Model 500 AXP Workstation DEC OSF/1 Operating System, Version 2.0 Claimed Compatibility Hardware/Software Platforms: 0222 DEC 3000 Series Workstations and Servers; DEC 2000 Model 300 AXP Workstation; DEC 4000 Model 610 AXP System; DEC 7000 Model 610 AXP System; DEC 10000 Model 610 AXP System 0095 LLC1 (802.2)/MAC (802.3)/10BaseT Underlying Product: N/A Underlying Stack: Embedded in Product Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP(ES) [ISO 8473:1988] & ES-IS(ES) [ISO 9542:1988] (Dyn Rtng Claimed) ATS Used: ATS:2-7 & ATS:2-9.2 Conformance Lab: 0357

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Oxford Road

GOSIP REGISTERS, Continued

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 55 Product Code/Type: P-004 TRANSPORT and CLNP 000040 Supplier: Supplier: 000040 Encore Computing Corporation Encore Computing Corporation 6901 West Sunrise Boulevard 6901 West Sunrise Boulevard Ft. Lauderdale, FL 33313-4499 Ft. Lauderdale, FL 33313-4499 Augie Gonzales Contact: Contact: Augie Gonzales Tel: (305) 587-2900 Fax: (305) 797-5807 Tel: (305) 587-2900 Fax: (305) 797-5807 GOSIP Product: Encore EnComm ISO Transport Services **GOSIP** Product: EnComm ISO Transport Services Version/Release: Ver 3.0.0 Release Date: 01-AUG-92 Version/Release: Ver 3.0.0 Release Date: 01-JUL-92 Additional Info: Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered PROV, Grndfthrd, V1-> V2/registered Registration: Reason for Removal: Date: Date: 31-AUG-92 Reason for Removal: Base Products: n/a Basis: BASE Basis: Base Products: n/a BASE Tested Hardware/Operating System Platforms: 0067 Tested Hardware/Operating System Platforms: 0067 H/W: Encore Infinity 90 Series GPIO I O/S: UMAX Ver. 3.0.7 H/W: Encore Infinity 90 Series GPIO I O/S: UMAX Ver. 3.0.7 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0046 Connectivity: X.25 PLP/HDLC LAP-B Connectivity: 0046 Underlying Stack: EnComm VME Ethernet Drvr 2.1 over Encore X.25 PLP/HDLC LAP-B VME Ethernet Cntrllr (VSSC) #8513-047 Encore EnComm X.25 and PAD Rev 3.0.0, Underlying Stack: SynOptics Enterprise/Dpt Hub Configuration 15-JUN-92 Underlying Product: Underlying Product: Protocols and Profiles: 0046 Protocols and Profiles: 0010 CLNP{ES} [ISO 8473:1988] {Static Routing} Transport Class 0 [ISO 8073:1988] ATS Used: ATS:1-7 ATS Used: ATS:1-8 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 56 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 58 Supplier: 000040 Supplier: 000040 Encore Computing Corporation Encore Computing Corporation 6901 West Sunrise Boulevard 6901 West Sunrise Boulevard Ft. Lauderdale, FL 33313-4499 Ft. Lauderdale, FL 33313-4499 Contact: Augie Gonzales Contact: Augie Gonzales Tel: (305) 587-2900 Fax: (305) 797-5807 Tel: (305) 587-2900 Fax: (305) 797-5807 GOSIP Product: EnComm ISO Transport Services GOSIP Product: Encore EnComm ISO Transport Services SynOptics LattisNet Mdl 3030 Concentrator Version/Release: Ver 3.0.0 Release Date: 01-AUG-92 Version/Release: V3.0.0 Release Date: 01-AUG-92 Additional Info: None Additional Info: None PROV, Grndfthrd, V1->V2/registered PROV, Grndfthrd, V1->V2/registered Registration: Registration: Date: 31-AUG-92 Date: 27-OCT-92 Reason for Removal: Reason for Removal: Basis: **BASE** Basis: **BASE** Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0067 Tested Hardware/Operating System Platforms: 0067 H/W: Encore Infinity 90 Series GPIO I H/W: Encore Infinity 90 Series GPIO I O/S: UMAX Ver. 3.0.7 O/S: UMAX Ver. 3.0.7 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0094 0095 Connectivity: LLC1{802.2}/MAC{802.3}/10BaseT CLNP{ES}/LLC1{802.2}/MAC{802.3} CLNP{ES}/X.25 PLP/X.25 LAP-B Underlying Stack: EnComm VME Ethernet Drvr 2.1 over Encore VME Ethernet Cntrllr (VSSC) #8523-444 Underlying Stack: Encore/SynOptics LattisNet Mdl 3030 SynOptics LattisNet Model 3030 Concentrator, CLNP{ES}/LAN; Encore/SynOptics Departmental Hub CLNP{ES}/LAN; EnComm ISO CLNP{ES}/EnComm X.25 and PAD Revision 3.0 Underlying Product: Underlying Product: Protocols and Profiles: 0046 Protocols and Profiles: 0075 Transport Class 4-CLNS [ISO 8073:1988 / Add2:1989] ATS Used: ATS:1-7 ATS:1-9 ATS Used: Conformance Lab: 0364 CDA, Incorporated Conformance Lab: 0364 CDA, Incorporated

Product ID: 57

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Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 212

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Oxford Road

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 78

Supplier: 000040 000018 Supplier: Hewlett-Packard Company Encore Computing Corporation 6901 West Sunrise Boulevard 19420 Homestead Road Cupertino, CA 95014-9810 Ft. Lauderdale, FL 33313-4499 Contact: Augie Gonzales Murali Subbarao Contact: Tel: (408) 447-2822 Fax: (408) 447-3660 Tel: (305) 587-2900 Fax: (305) 797-5807 GOSIP Product: Encore EnComm ISO Transport Services over GOSIP Product: HP OSI Transport Services/9000 (OTS/9000) Ser 800 SynOptics Enterprise/Dpt Hub Configur. Version/Release: V C.04.00 (PHNE_2954) Release Date: 17-AUG-93 Additional Info: OTS/9000 is available on all machines in the HP9000 Version/Release: Ver 3.0.0 Release Date: 01-AUG-92 Series 800 family. OTS runs on top of 10Base2, 10BaseT or Additional Info: Components of SynOptics Enterprise/Department Hub Configuration listed in underlying stack. 10Base5 and utilizes the same driver for each. PROV, GOSIP Version 2/registered Registration: PROV, Grndfthrd, V1-> V2/registered Registration: Date: 10-JAN-94 Reason for Removal: Reason for Removal: 27-OCT-92 Date: Base Products: n/a Basis: BASE Base Products: n/a Rasis: BASE Tested Hardware/Operating System Platforms: 0067 Tested Hardware/Operating System Platforms: 0181 H/W: HP9000 Series 800 O/S: HP-UX Version A.09.00 H/W: Encore Infinity 90 Series GPIO I Claimed Compatibility Hardware/Software Platforms: 0001 O/S: UMAX Ver. 3.0.7 0104 LLC1{802.2}/MAC{802.3}/10Base2 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: 0095 LLC1{802.2}/MAC{802.3}/10BaseT LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: EnComm VME Ethnt Drvr 2.1, Encore VME Ethnt Cntrl 8513-047, Hub (3000N, 3313A-04, 3314A-04, 504A, 3595A-01, Underlying Stack: LAN/9000 LinkHP J2146A for HP9000 Series 3308A, 2813-04, 3304-ST, 3301, 3323S, 3383-02, 508A) 8x7,890 & LAN/9000 LinkHP 36967A for HP9000 Series 8x2, and other series 800. Can be bundled on Series 8x7, and 890. Underlying Product: Underlying Product: Protocols and Profiles: 0046 Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 Transport Class 4-CLNS [ISO 8073:1988/Add2:1989]; CLNP{ES} 0364 [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed} Conformance Lab: CDA, Incorporated ATS Used: ATS:2-9.2 and ATS:2-7 8301 Greensboro Drive, #350 Conformance Lab: 0357 McLean, VA 22102-3603 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 4 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 213 Supplier: 000018 Hewlett-Packard Company Supplier: 000018 19420 Homestead Road Hewlett-Packard Company Cupertino, CA 95014-9810 19420 Homestead Road Contact: Murali Subbarao Cupertino, CA 95014-9810 Tel: (408) 447-2822 Fax: (408) 447-3660 Murali Subbarao Contact: HP OSI Transport Services/9000, P/N 32070A Fax: (408) 447-3660 Tel: (408) 447-2822 GOSIP Product: Version/Release: Ver C.02.00 GOSIP Product: HP OSI Transport Services/9000 (OTS/9000) Ser 700 Release Date: 10-JUN-91 Version/Release: Version C.04.00 (PHNE_2955) Release Date: 17-AUG-93 Additional Info: PROV, Grndfthrd, V1->V2/registered Registration: Additional Info: OTS/9000 is available on all machines in the HP 9000 Series 700 family. OTS runs on top of 10Base2, 10BaseT, or Date: 28-MAY-91 Reason for Removal: 10Base5 and utilizes the same driver for each. PROV, GOSIP Version 2/registered RASE Rasis. Registration: Base Products: n/a Date: 10-JAN-94 Reason for Removal: Tested Hardware/Operating System Platforms: 0013 DERIVED Base Products: Basis: HP 9000 Series 800/HP-UX Operating System, Version 8.0 Tested Hardware/Operating System Platforms: 0182 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: HP 9000 Series 700 O/S: HP-UX Version A.09.00 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0010 LLC1{802.2}/MAC{802.3} 0104 LLC1{802.2}/MAC{802.3}/10Base2 Connectivity: Underlying Stack: Underlying Product: LLC1{802.2}/MAC{802.3}/10BaseT Protocols and Profiles: 0003 LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: LAN/9000 Link HP 25567A for HP 9000 Series TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] 700. Tested on HP 9000 Series 827S. CLNP{ES} [ISO 8473:1988] {Static Routing} Underlying Product: ATS Used: ATS:1-7 and ATS:1-9 Protocols and Profiles: 0004 TP4-CLNS/CLNP{ES} & ES-IS{ES} Transport Class 4-CLNS [ISO 8073:1988/Add2:1989]; CLNP(ES) Conformance Lab: 0365 [ISO 8473:1988] & ES-IS(ES) [ISO 9542:1988] {Dyn Rtng Claimed} Hewlett-Packard Company, OSI Conformance Test Center 19420 Homestead Road, MS 43UJ ATS:2-9.2 and ATS:2-7 Cupertino, CA 95014-9810 Conformance Lab: 0357

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 23

Supplier: 000085

Contact:

IBM Rome Networking Systems Laboratory

Via Paolo Di Dono 44 00143 Rome Italy

Alberto Sinibaldi Tel: 39 6 5966-2281 Fax: 39 6 5966-2467

Email: Sinibald@romeppc.vnet.ibm.com

GOSIP Product: OSI/Communications Subsystem

Version/Release: Ver 1 Rel 1.1 Release Date: 01-DEC-90

Additional Info: None

PROV, Grndfthrd, V1->V2/registered Registration: Date: 01-NOV-91

Reason for Removal: Basis: BASE Base Products: n/a

Tested Hardware/Operating System Platforms: 0036

H/W: IBM System 390

O/S: IBM MVS/ESA Ver 3 Rel 1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: Provided by IBM NCP Packet Switching Interface.

Underlying Product:

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

ATS Used:

ATS:1-8

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 24

Supplier:

Contact:

000085

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GOSIP Product: OSI/Communications Subsystem Version/Release: Ver 1 Rel 1.1

Release Date: 01-DEC-90

Additional Info: Registration:

PROV, Grndfthrd, V1->V2/registered

Date: 01-NOV-91 Reason for Removal: DERIVED

Base Products:

Tested Hardware/Operating System Platforms: 0037

H/W: IBM System 390 O/S: IBM VM/ESA Ver 1 Rel 1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: Provided By IBM NCP Packet Switching Interface.

Underlying Product:

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

ATS Used:

ATS:1-8

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 25

000085 Supplier:

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GOSIP Product: OSI/Communications Subsystem

Version/Release: Ver 1 Rel 1.1 Release Date: 01-DEC-90

Additional Info:

Contact:

Registration: PROV, Grndfthrd, V1-> V2/registered

01-NOV-91 Date: Reason for Removal: Basis: DERIVED

Base Products:

Tested Hardware/Operating System Platforms: 0038

H/W: IBM Systems 370/390 O/S: IBM VM/SP Rel 5

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: Provided by IBM NCP Packet Switching Interface.

Underlying Product:

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

ATS Used:

ATS:1-8

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 26

Supplier:

000085 IBM Rome Networking Systems Laboratory

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Contact:

Alberto Sinibaldi Tel: 39 6 5966-2281

Fax: 39 6 5966-2467

Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: OSI/Communications Subsystem

Version/Release: Ver 1 Rel 1.1

Release Date: 01-DEC-90

Additional Info:

PROV, Grndfthrd, V1->V2/registered Registration:

Date: 01-NOV-91 Reason for Removal: Basis: BASE Base Products: n/a

Tested Hardware/Operating System Platforms: 0173

H/W: IBM Systems 370/390 O/S: IBM MVS/XA Ver 2 Rel 2

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack: Provided by IBM NCP Packet Switching Interface.

Underlying Product:

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

ATS Used:

ATS:1-8

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 33 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 35 Supplier: 000085 Supplier: IBM Rome Networking Systems Laboratory IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 Via Paolo Di Dono 44 00143 Rome Italy 00143 Rome Italy Contact: Alberto Sinibaldi Contact: Alberto Sinibaldi Tel: 39 6 5966-2281 Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Fax: 39 6 5966-2467 Email Sinibald@romeppc.vnet.ibm.com Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: OSI/Communications Subsystem GOSIP Product: OSI/Communications Subsystem Version/Release: Ver 1 Rel 1.1 Version/Release: Ver 1 Rel 1.1 Release Date: 01-DEC-90 Release Date: 01-DEC-90 Additional Info: None Additional Info: Registration: PROV, Grndsthrd, V1->V2/registered PROV, Grndfthrd, V1->V2/registered Registration: Date: 12-FEB-92 Date: 12-FEB-92 Reason for Removal: Reason for Removal: Basis: BASE Basis: BASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0036 Tested Hardware/Operating System Platforms: 0036 H/W: IBM System 390 H/W: IBM System 390 O/S: IBM MVS/ESA Ver 3 Rel 1 O/S: IBM MVS/ESA Ver 3 Rel 1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 0046 Connectivity: X.25 PLP/HDLC LAP-B X.25 PLP/HDLC LAP-B Underlying Stack: Provided by IBM NCP Packet Switching Interface. Underlying Stack: Software: IBM OSI/Comm Subsystem V.1 R1.1 in Underlying Product: IBM/S/390[802.2]; Interconnect Controller Program Protocols and Profiles: 0003 V1.0 on IBM Interconnect Controller Program TP4-CLNS/CLNP{ES} (802.3). Hardware: IB Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Product: CLNP{ES} [ISO 8473:1988] {Static Routing} Protocols and Profiles: 0003 ATS Used: ATS:1-9 and ATS:1-7 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 34 ATS Used: ATS:1-7 and ATS:1-9 Supplier: 000085 IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 36 00143 Rome Italy Supplier: Contact: Alberto Sinibaldi IBM Rome Networking Systems Laboratory Tel: 39 6 5966-2281 Via Paolo Di Dono 44 Fax: 39 6 5966-2467 00143 Rome Italy Email: Sinibald@romeppc.vnet.ibm.com Alberto Sinibaldi Contact: GOSIP Product: OSI/Communications Subsystem Tel: 39 6 5966-2281 Version/Release: Ver 1 Rel 1.1 Fax: 39 6 5966-2467 Release Date: 01-DEC-90 Email: Sinibald@romeppc.vnet.ibm.com Additional Info: GOSIP Product: OSI/Communications Subsystem Registration: PROV, Grndfthrd, V1->V2/registered Version/Release: Ver 1 Rel 1.1 12-FEB-92 Release Date: 01-DEC-90 Date: Reason for Removal: Additional Info: DERIVED Registration: PROV, Grndfthrd, V1->V2/registered 12-FEB-92 Base Products: Date: Tested Hardware/Operating System Platforms: 0049 Reason for Removal: H/W: IBM Systems 370/390 **DERIVED** Basis: O/S: IBM MVS/XA Ver 2 Rel 2, VM/SP Rel 5, VM/ESA Ver Base Products: Tested Hardware/Operating System Platforms: 0049 H/W: IBM Systems 370/390 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: IBM MVS/XA Ver 2 Rel 2, VM/SP Rel 5, VM/ESA Ver 0046 Connectivity: 1 Rel X.25 PLP/HDLC LAP-B Underlying Stack: Provided by IBM NCP Packet Switching Interface. Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Product: Connectivity: 0046 Protocols and Profiles: 0003 X.25 PLP/HDLC LAP-B Underlying Stack: Provided by IBM NCP Packet Switching Interface. TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Product: CLNP{ES} [ISO 8473:1988] {Static Routing} Protocols and Profiles: 0011

ATS Used:

Transport Class 4-CONS [ISO 8073:1988]

ATS:1-9

ATS Used:

ATS:1-9 and ATS:1-7

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 112 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 117 Supplier: 000085 Supplier: 000085 IBM Rome Networking Systems Laboratory IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 Via Paolo Di Dono 44 00143 Rome Italy 00143 Rome Italy Alberto Sinibaldi Contact: Contact: Alberto Sinibaldi Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Tel: 39 6 5966-2281 Email: Sinibald@romeppc.vnet.ibm.com Fax: 39 6 5966-2467 GOSIP Product: OSI Communications Subsystem/400 Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: Version/Release: Ver 2 Rel 1.1 Release Date: 01-MAR-92 IBM AIX OSI Messaging and Filing/6000 Additional Info: Version/Release: Ver 1, Level 180 Registration: PROV, Grndfthrd, V1->V2/registered Release Date: 01-DEC-90 18-DEC-92 Reason for Removal: Date: Additional Info: Basis: BASE Base Products: n/a Registration: PROV, Grndfthrd, V1->V2/registered Tested Hardware/Operating System Platforms: 0098 Date: 04-JAN-93 AS/400 9404 Reason for Removal: OS/400 Ver 2 Rel 1.1 Basis: BASE Claimed Compatibility Hardware/Software Platforms: 0001 Base Products: n/a Connectivity: 0046 Tested Hardware/Operating System Platforms: 0102 X.25 PLP/HDLC LAP-B IBM RISC System/6000 All Models (7011, 7012, 7013, 7015, Underlying Stack: IBM AS/400 X.25 Communications Support 6016, OS AIX/6000 Program, Ver 2, Release 1.1 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Product: Connectivity: 0010 Protocols and Profiles: 0010 LLC1{802.2}/MAC{802.3} Transport Class 0 [ISO 8073:1988] Underlying Stack: Software: IBM AIX/6000 Ver 3.1.5; Hardware: ATS Used: ATS:1-8 Ethernet Adapter 7013-2890 Conformance Lab: 0392 Underlying Product: IBM Rome Networking Systems Laboratory Protocols and Profiles: 0003 Via Paolo Di Dono 44 TP4-CLNS/CLNP{ES} 00143 Rome Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Italy CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 AND ATS:1-9 ATS Used: Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 116 000085 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 209 Supplier: IBM Rome Networking Systems Laboratory Supplier: IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 00143 Rome Italy Via Paolo Di Dono 44 Alberto Sinibaldi 00143 Rome Italy Contact: Tel: 39 6 5966-2281 Contact: Alberto Sinibaldi Fax: 39 6 5966-2467 Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Email: Sinibald@romeppc.vnet.ibm.com Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: OSI/Communications Subsystem GOSIP Product: OSI Communications Subsystem/400 Version/Release: Ver 1 Rel 1.1 Version/Release: Version 2 Release 3 Release Date: 01-DEC-90 Release Date: 01-DEC-93 Additional Info: None Additional Info: Derived from Base product ID: 112, which was grandfathered GOSIP V1 to V2 Registration: PROV, Grndfthrd, V1->V2/registered PROV, Grndfthrd, V1-> V2/registered Date: 04-JAN-93 Registration: Reason for Removal: Reason for Removal: Date: 20-DEC-93 Basis: **BASE** Basis: **DERIVED** Base Products: Base Products: n/a Tested Hardware/Operating System Platforms: 0179 Tested Hardware/Operating System Platforms: 0101 H/W: AS/400 IBM Enterprise System/390 All Models (S/390, 43xx, 30xx), O/S: OS/400 Version 2 Release 3 IBM MVS/ESA, MVS/XA, IBM VM/SP, VM/ESA Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 Connectivity: 0010 X.25 PLP/HDLC LAP-B Underlying Stack: AS/400 X.25 Communications Support, Version 2 LLC1{802.2}/MAC{802.3} Release 3, GOSIP Product ID: 183 Underlying Stack: Provided by IBM NCP Packet Switching Interface. Underlying Product: Underlying Product: Protocols and Profiles: 0010 Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 0 [ISO 8073:1988] Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] ATS Used: ATS:1-8 Conformance Lab: 0392 CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 AND ATS:1-9 IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44

00143 Rome Italy

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 259 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 51 Supplier: 000085 000043 Supplier: IBM Rome Networking Systems Laboratory NCR Via Paolo Di Dono 44 9900 Old Grove Road 00143 Rome Italy San Diego, CA 92131 Contact: Alberto Sinibaldi Contact: Wendy Morrison Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Tel: (619) 693-5665 Fax: (619) 693-5705 Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: NCR UNIX OSI Network Services GOSIP Product: IBM AIX OSI Services/6000 Version/Release: Ver 2.00.02 Version/Release: Version 1 Release 1 Release Date: 01-APR-94 Release Date: 17-APR-92 Additional Info: None Additional Info: Same product also registered over X.25 (Product ID Registration: PROV, GOSIP Version 2/registered 82) and for TP0 over X.25 (Product ID 83) Date: PROV, Grndfthrd, V1->V2/registered 01-AUG-94 Reason for Removal: Registration: Basis: DERIVED Reason for Removal: Base Products: 230 07-AUG-92 Date: Base Products: n/a Tested Hardware/Operating System Platforms: 0238 Basis: BASE H/W: IBM RISC/6000 Model 32H O/S: IBM AIX/6000 Version 3.2.4 Tested Hardware/Operating System Platforms: 0063 H/W: NCR System 3000 consisting of the following hardware Claimed Compatibility Hardware/Software Platforms: 0239 H/W: IBM RISC/6000 Models 2xx, 3xx, 5xx and 9xx models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 O/S: IBM AIX/6000 Version 3 O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 Connectivity: Claimed Compatibility Hardware/Software Platforms: 0001 0107 LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: IBM AIX/6000 Ver 3.2.4 Underlying Product: N/A 0010 LLC1{802.2}/MAC{802.3} Connectivity: Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) Underlying Stack: NCR System 3000, Integrated LAN Driver Ver Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] 2.00 Western Digital WD8003 CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Rtng Claimed} ATS Used: ATS:2-7 and ATS:2-9.1 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Conformance Lab: 0392 CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 and ATS:1-9 IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 Conformance Lab: 0363 00143 Rome Corporation for Open Systems International Test Center 8260 Willow Oaks Corp Drive, Suite 700 Italy Fairfax, VA 22031 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 266 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 82 Supplier: Intergraph Corporation Supplier: 000043 1 Madison Industrial Park NCR Huntsville, AL 35894-0001 9900 Old Grove Road Contact: Do Te Kim San Diego, CA 92131 Tel: (205) 730-3506 Fax: (205)730-3301/3038 Contact: Wendy Morrison Email: dtkim@ingr.com Tel: (619) 693-5665 Fax: (619) 693-5705 GOSIP Product: OSI/LAN GOSIP Product: NCR UNIX OSI Network Services Version/Release: Version 7.4 Release Date: 11-NOV-93 Version/Release: Ver 2.01 Release Date: 08-SEP-92 Additional Info: Same product also registered over LAN (Product ID Additional Info: None PROV, GOSIP Version 2/registered 51) and for TP0 over X.25 (Product ID 83) Registration: Date: 08-JUL-94 Reason for Removal: PROV, Grndfthrd, V1->V2/registered Registration: Base Products: **BASE** Date: 27-OCT-92 Reason for Removal: Tested Hardware/Operating System Platforms: 0231 Basis: **DERIVED** Base Products: H/W: InterPro 2430 (IP2430) Tested Hardware/Operating System Platforms: 0063 O/S: CLIX Version 7.4 Claimed Compatibility Hardware/Software Platforms: 0232 H/W: NCR System 3000 consisting of the following hardware H/W: C300 Server or Workstation; C400 Server or Workstation; models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 C100 Server O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 Connectivity: 0107 LLC1 {802.2}/MAC {802.3}/10Base5 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: LLC1 is implemented as a feature of the CLIX 7.4 0046 X.25 PLP/HDLC LAP-B Connectivity: O/S. Ethernet capability is built into the Underlying Stack: NCR System 3000, X.25 Ntwrk Svcs [Packet Layer]; NCR MUOE HDLC Ver 1.04 [Link Layer]; NCR Multi-Protocol motherboard of every Intergraph system. Underlying Product: N/A Communications Adapter/Firmware Ver 1.1A [Phys Layer] Protocols and Profiles: 0095 Underlying Product: TP4-CLNS/CLNP(ES)/ES-IS(ES) Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988 & ES-IS{ES} [ISO 9542:1988]{Dyn CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 and ATS:1-9 ATS Used: Rtng Tested) Conformance Lab: 0363 ATS:2-7, ATS:2-9.1 & ATS:2-18 Corporation for Open Systems International Test Center ATS Used: Conformance Lab: 0371 8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 50 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 83 Supplier: 000043 Supplier: 000039 NCR Novell Incorporated 9900 Old Grove Road 2180 Fortune Drive San Diego, CA 92131 San Jose, CA 95131 Wendy Morrison Contact: Contact: Jan Provan Fax: (408) 433-9827 Tel: (619) 693-5665 Fax: (619) 693-5705 Tel: (408) 473-8422 GOSIP Product: NCR UNIX OSI Network Services GOSIP Product: NetWare FTAM Transport Component Release Date: 08-SEP-92 Version/Release: Ver 2.01 Version/Release: Ver 1.2 Rev B Release Date: 20-APR-92 Additional Info: Same product also registered for TP4 (Product ID Additional Info: None 51 and Product ID 82) Registration: PROV, Grndfthrd, V1-> V2/registered PROV, Grndfthrd, V1->V2/registered Registration: Date: 24-JUN-92 Reason for Removal: Date: 27-OCT-92 Reason for Removal: Rasis. DERIVED Base Products: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0227 Tested Hardware/Operating System Platforms: 0063 AST Premium 386/33 with 8 MB RAM NOVELL 3.11 Operating H/W: NCR System 3000 consisting of the following hardware System over NOVELL NE2000 Ethernet card (802.4) models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: NCR UNIX SVR4, (MP-RAS), Rel 2C Connectivity: 0120 laimed Compatibility Hardware/Software Platforms: 0001 LLC1{802.2}/MAC{802.4} Underlying Stack: NOVELL Ver 3.11 Operating System Over Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: NCR System 3000, X.25 Ntwrk Svcs [Packet LLC1{802.2}/MAC{802.4} NE2000 and IBM 4MB Layer]; NCR MUOE HDLC Ver 1.04 [Link Token Ring Card Layer]; NCR Multi-Protocol Communications Underlying Product: Adapter/Firmware Ver 1.1A [Phys Layer] Protocols and Profiles: 0003 Underlying Product: TP4-CLNS/CLNP{ES} Protocols and Profiles: 0010 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Transport Class 0 [ISO 8073:1988] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-8 ATS Used: ATS:1-7 and ATS:1-9 Conformance Lab: 0363 Conformance Lab: 0357 Corporation for Open Systems International Test Center National Computing Centre Limited 8260 Willow Oaks Corp Drive, Suite 700 Oxford Road Fairfax, VA 22031 Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 111 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 49 Supplier: 000039 Supplier: 000057 Novell Incorporated Retix 2180 Fortune Drive 2401 Colorado Avenue Santa Monica, CA 90404 San Jose, CA 95131 Contact: Jan Provan Contact: Jeff Stone Tel: (408) 473-8422 Fax: (408) 433-9827 Tel: (310) 828-3400 Fax: (310) 828-2255 **GOSIP Product:** NetWare FTAM Transport Component GOSIP Product: LT-610 Version/Release: Ver 1.2 Rev B Version/Release: Ver 2.3.0 Release Date: 01-OCT-92 Release Date: 20-APR-92 Additional Info: PROV, Grndfthrd, V1->V2/registered Additional Info: None Registration: Registration: PROV, Grndfthrd, V1->V2/registered Date: 18-DEC-92 Reason for Removal: Base Products: n/a Date: 24-JUN-92 Reason for Removal: Rasis. BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0099 Basis: BASE Tested Hardware/Operating System Platforms: 0058 Vendor claims all Intel 386 and 486 based platforms using stated o/s. Test platform was Intel 486DX (Alpha Systems Laboratory, AST Premium 386/33 with 8 MB RAM NOVELL 3.11 Operating Incorporated ASL486/33 ASL433), O/S UNIX System V Release System over NOVELL NE2000 Ethernet card (802.3) Claimed Compatibility Hardware/Software Platforms: 0001 3.2 (Sun Soft Interactive Ver 3.0) Claimed Compatibility Hardware/Software Platforms: 0001 0010 LLC1{802.2}/MAC{802.3} Underlying Stack: NOVELL 3.11 Operating System over NOVELL Connectivity: 0010 NE2000 Ethernet LLC1{802.2}/MAC{802.3} Underlying Product: S/W: Retix LT-610, Ver 2.3.0; H/W: Western Underlying Stack: Protocols and Profiles: 0003 Digital Model WD8003. TP4-CLNS/CLNP{ES} Underlying Product: Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Protocols and Profiles: 0003 CLNP{ES} [ISO 8473:1988] {Static Routing} TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] ATS:1-7 and ATS:1-9 Conformance Lab: 0357 CLNP{ES} [ISO 8473:1988] {Static Routing} National Computing Centre Limited ATS:1-7 and ATS:1-9 ATS Used: Oxford Road Conformance Lab: 0357 Manchester M17ED United Kingdom National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 188

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 132

Conformance Lab: 0357

Oxford Road

National Computing Centre Limited

Manchester M17ED United Kingdom

Supplier: 000057 000099 Supplier: SUN MicroSystems, Inc. Retix 2401 Colorado Avenue 32 Chemin du Vieux Chene Santa Monica, CA 90404 Meylan F-38240 France Contact: Jeff Stone Willy-Francois Poulet Contact: Tel: (310) 828-3400 Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 Fax: (310) 828-2255 GOSIP Product: Sunlink OSI GOSIP Product: Version/Release: Version 8.0 LT-610 Release Date: 08-AUG-93 Version/Release: Ver 2.3.0 Additional Info: Release Date: 01-OCT-92 PROV, GOSIP Version 2/registered Registration: Additional Info: None Date: 09-SEP-93 Reason for Removal: PROV, Grndfthrd, V1->V2/registered Base Products: n/a Registration: BASE Basis: Date: 05-FEB-93 Tested Hardware/Operating System Platforms: 0170 Reason for Removal: H/W: SparcStation 10 Model 41 O/S: Solaris 2.1 Basis: BASE Claimed Compatibility Hardware/Software Platforms: 0001 Base Products: n/a 0095 LLC1{802.2}/MAC{802.3}/10BaseT Connectivity: Underlying Stack: Sunlink OSI 8.0 LLC Module, implementing LLC1. Tested Hardware/Operating System Platforms: 0120 the Solaris 2.1 Lance Ethernet driver and Am7990 combination-Intel 386 (Tatung) O/S UNIX System V Rel 3.2 (SCO UNIX 4.0) Claimed Compatibility Hardware/Software Platforms: 0001 implementing ISO8802-3 Sun Motherboard LAN Interface Connectivity: 0010 Underlying Product: LLC1{802.2}/MAC{802.3} Protocols and Profiles: 0004 TP4-CLNS/CLNP(ES) & ES-IS(ES) Underlying Stack: Retix LT-610, Ver 2.3.0; Western Digital Model WD8003 Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP(ES) [ISO 8473:1988] & ES-IS(ES) [ISO 9542:1988] (Dyn Underlying Product: Protocols and Profiles: 0003 Rtng Claimed) TP4-CLNS/CLNP{ES} ATS Used: ATS:2-9.2 and ATS:2-7 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Conformance Lab: 0357 National Computing Centre Limited CLNP(ES) [ISO 8473:1988] (Static Routing) ATS Used: ATS:1-7 and ATS:1-9 Oxford Road Manchester M17ED United Kingdom Conformance Lab: 0357 National Computing Centre Limited Product Code/Type: P-004 TRANSPORT and CLNP Oxford Road Product ID: 66 Manchester M17ED United Kingdom Supplier: SUN MicroSystems, Inc. International Centre for Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 187 Network Supplier: 000099 Computing SUN MicroSystems, Inc. 32 Rue du Vieux Chene F-38240 Meylan France 32 Chemin du Vieux Chene Meylan F-38240 France Contact: Tom Hull Contact: Willy-Francois Poulet Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 Tel: +33 76 41 42 43 GOSIP Product: SunNet OSI (Transport) Fax: +33 76 41 42 41 Version/Release: Ver 7.1 Release Date: 01-OCT-92 GOSIP Product: SUNLink OSI Additional Info: Version/Release: Version 8.0 Registration: PROV, Grndfthrd, V1->V2/registered Release Date: 08-AUG-93 Date: 14-OCT-92 Additional Info: Reason for Removal: PROV, GOSIP Version 2/registered BASE Registration: Rasis Date: 26-AUG-93 Base Products: n/a Reason for Removal: Tested Hardware/Operating System Platforms: 0076 Basis: RASE Sun MicroSystems SPARCstation 2-4/75 Base Products: n/a SunOS 4.1.2 (Solaris 1.0.1) Claimed Compatibility Hardware/Software Platforms: 0001 Tested Hardware/Operating System Platforms: 0169 H/W: All Sun SPARC Hardware Connectivity: 0010 O/S: Solaris 2.1 LLC1{802.2}/MAC{802.3} Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: SUNNET OSI Ver 7.1 LLC1 (HW) Sun CPU board LAN Interface (802.3) 0046 Connectivity: X.25 PLP/HDLC LAP-B Underlying Product: Underlying Stack: Sunlink X.25 8.0 Protocols and Profiles: 0003 Underlying Product: TP4-CLNS/CLNP{ES} Protocols and Profiles: 0010 Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} Transport Class 0 [ISO 8073:1988] ATS:2-8 ATS Used: ATS Used: ATS:1-7 AND ATS:1-9

Conformance Lab: 0357

Oxford Road

National Computing Centre Limited

Manchester M17ED United Kingdom

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 85 Supplier: SUN MicroSystems, Inc. International Centre for Network Computing 32 Rue du Vieux Chene F-38240 Meylan France Tom Hull Contact: Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: SunNet OSI (Transport) Version/Release: Ver 7.1 Release Date: 01-OCT-92 Additional Info: None PROV, Grndfthrd, V1->V2/registered Registration: Date: 25-NOV-92 Reason for Removal: DERIVED Base Products: Basis: Tested Hardware/Operating System Platforms: 0076 Sun MicroSystems SPARCstation 2-4/75 SunOS 4.1.2 (Solaris 1.0.1) Claimed Compatibility Hardware/Software Platforms: 0001 0046 X.25 PLP/HDLC LAP-B Connectivity: Underlying Stack: SunNet X.25 Ver 7.0.1 Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 AND ATS:1-9 Conformance Lab: 0357 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 87 Supplier: 000050 SUN MicroSystems, Inc. International Centre for Network Computing 32 Rue du Vieux Chene F-38240 Meylan France Contact: Tom Hull Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: SunNet OSI (Transport) Version/Release: Ver 7.1 Release Date: 01-OCT-92 Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered Date: 25-NOV-92 Reason for Removal: Basis: **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0076 Sun MicroSystems SPARCstation 2-4/75 SunOS 4.1.2 (Solaris 1.0.1) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: SunNet X.25 Ver 7.0.1 Underlying Product: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988]

ATS Used: ATS:1-8

Conformance Lab: 0357

Oxford Road

National Computing Centre Limited

Manchester M17ED United Kingdom

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 217 Supplier: SUN MicroSystems, Inc. International Centre for Network Computing 32 Rue du Vieux Chene F-38240 Meylan France Contact: Tom Hull Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: Sunlink OSI Version/Release: Version 8.0 Release Date: 08-AUG-93 Additional Info: Vendor claims support for all SUN SPARC Hardware Platforms PROV, GOSIP Version 2/registered Registration: Date: 25-JAN-94 Reason for Removal: Base Products: Rasis. DERIVED Tested Hardware/Operating System Platforms: 0170 H/W: SparcStation 10 Model 41 O/S: Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 0063 X.25 PLP/X.25 LAP-B/RS-232C Connectivity: Underlying Stack: Sunlink X.25 8.0 Underlying Product: Protocols and Profiles: 0004 TP4-CLNS/CLNP{ES} & ES-IS{ES} Transport Class 4-CLNS [ISO 8073:1988/Add2:1989]; CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn Rtng Claimed} ATS Used: ATS:2-9 and ATS:2-7 Conformance Lab: 0357 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 106 Supplier: 000055 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Contact: Michael Barnes Tel: (703) 204-4100 Fax: (703) 204-4782 GOSIP Product: SUN SPARCstation 10 Model 42 w/SUNLink OSI 8.0 Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: Registration: PROV, Grndfthrd, V1->V2/registered Date: 01-DEC-92 Reason for Removal: Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0092 H/W: SPARCstation 10 Model 42 O/S: Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0010 LLC1{802.2}/MAC{802.3} AMD, Lance 7990 Ethernet Controller. SUN Underlying Stack: Solaris 2.1 Ethernet Driver Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS Used: ATS:1-7 and ATS:1-9 Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 107

Supplier: 000055

SUN Microsystems Federal, Incorporated

2650 Park Tower Drive, Suite 500

Vienna, VA 22180-7306

Michael Barnes Contact:

Tel: (703) 204-4100 Fax: (703) 204-4782

GOSIP Product: SUN SPARCstation 4/30 w/SUNLink OSI 8.0 Version/Release: Ver 8.0 Release Date: 04-AUG-92

Additional Info:

Registration: PROV, Grndfthrd, V1->V2/registered Date: 01-DEC-92 Reason for Removal: Base Products: n/a Basis: **BASE**

Tested Hardware/Operating System Platforms: 0094 H/W: SPARCstation 4/30 O/S: Solaris 2.1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0010

LLC1{802.2}/MAC{802.3}

Underlying Stack: AMD, Lance 7990 Ethernet Controller. SUN

Solaris 2.1 Ethernet Driver

Underlying Product:

Protocols and Profiles: 0003

TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 and ATS:1-9

Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 108

Supplier:

000055 SUN Microsystems Federal, Incorporated

2650 Park Tower Drive, Suite 500

Vienna, VA 22180-7306

Michael Barnes Contact:

> Tel: (703) 204-4100 Fax: (703) 204-4782

GOSIP Product: SUN SPARCstation 10 Model 30 w/SUNLink OSI 8.0

Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 01-DEC-92 Reason for Removal: Basis: BASE Base Products: n/a

Tested Hardware/Operating System Platforms: 0095

H/W: SPARCstation 10 Model 30

O/S: Solaris 2.1

Claimed Compatibility Hardware/Software Platforms: 0001

0010 Connectivity:

LLC1{802.2}/MAC{802.3}

AMD, Lance 7990 Ethernet Controller SUN Underlying Stack:

Solaris 2.1 Ethernet Driver

Underlying Product:

Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 and ATS:1-9

Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 109

Supplier: 000055

SUN Microsystems Federal, Incorporated

2650 Park Tower Drive, Suite 500

Vienna, VA 22180-7306

Contact: Michael Barnes

Tel: (703) 204-4100 Fax: (703) 204-4782

SUN, RDI BrightLite Model IPX Color Laptop GOSIP Product:

Workstation w/ SUNLink OSI 8.0

Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None

Registration: PROV, Grndfthrd, V1->V2/registered Reason for Removal: Date: 01-DEC-92 **BASE** Base Products: n/a Basis: Tested Hardware/Operating System Platforms: 0096

RDI BrightLite IPX Color Laptop Workstation Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001

0010 LLC1{802.2}/MAC{802.3}

Underlying Stack: AMD, Lance 7990 Ethernet Controller. SUN

Solaris 2.1 Ethernet Driver

Underlying Product:

Protocols and Profiles: 0003 TP4-CLNS/CLNP(ES) Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS:1-7 and ATS:1-9 ATS Used:

Conformance Lab: 0364 CDA, Incorporated

> 8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 142

000055 Supplier:

SUN Microsystems Federal, Incorporated

2650 Park Tower Drive, Suite 500

Vienna, VA 22180-7306

Michael Barnes Contact:

> Tel: (703) 204-4100 Fax: (703) 204-4782

GOSIP Product: SUN SPARCstation 10 Model 41 w/SUNLink OSI 8.0

Version/Release: Ver 8.0 Release Date: 04-AUG-92

Additional Info:

Registration: PROV, Grndfthrd, V1->V2/registered

Date: 01-DEC-92 Reason for Removal: Basis: BASE Base Products: n/a

Tested Hardware/Operating System Platforms: 0093

H/W: SPARCstation 10 Model 41

O/S: Solaris 2.1

Claimed Compatibility Hardware/Software Platforms: 0001

Connectivity: 0010

LLC1{802.2}/MAC{802.3}

AMD, Lance 7990 Ethernet Controller SUN Underlying Stack:

Solaris 2.1 Ethernet Driver

Underlying Product:

Protocols and Profiles: 0003

TP4-CLNS/CLNP{ES}

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing}

ATS Used: ATS:1-7 and ATS:1-9

Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 59 Supplier: 000047 UNISYS Corporation 8008 Westbrook Drive McLean, VA 22102 Contact: Keith Fretz Fax: (703) 556-5172 Tel: (703) 556-5665 GOSIP Product: CMS 1100/OSITS Version/Release: 7R2B+PCR15312/2R1A+PCRs192,193,194,197 Release Date: 01-MAR-92 Registration: PROV, Grndfthrd, V1->V2/registered Date: 01-SEP-92 Reason for Removal: Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0068 2200 System and 1100/90 Processors, DCP-15 through DCP-55 Front End Processors. Operating System OS1100 Exec on processor DCP/OS 5R2A, TELCON 9R1A on Front End Processors Claimed Compatibility Hardware/Software Platforms: 0001 0010 LLC1{802.2}/MAC{802.3} Underlying Stack: LAN Platform 2R2A, DCP 802.3; LAN Line Module Feature #F5137-00 Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 AND ATS:1-9 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 71 Supplier: 000047 UNISYS Corporation 8008 Westbrook Drive McLean, VA 22102 Keith Fretz Contact: Tel: (703) 556-5665 Fax: (703) 556-5172 GOSIP Product: DCP OSITS Version/Release: 2R1A,+192-194,197,199,202,203,205,207 Release Date: 01-MAR-92 Additional Info: PROV, Grndfthrd, V1->V2/inactive Registration: Date: 19-OCT-92 Reason for Removal: Eroneous PCTR. Basis: DERIVED Base Products: Tested Hardware/Operating System Platforms: 0078 DCP-15 through DCP-55 Front End Processors DCP/OS Ver 5R2A and TELCON Ver 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 0046 Connectivity: X.25 PLP/HDLC LAP-B Underlying Product: Underlying Stack: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES}

CLNP{ES} [ISO 8473:1988] {Static Routing}

Paoli, PA 19301

ATS:1-7 AND ATS:1-9

P.O. Box 203, 2450 Swedesford Road

ATS Used:

Conformance Lab: 0367

Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] UNISYS - Open Systems Interconnection Laboratory Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 72 Supplier: 000047 UNISYS Corporation 8008 Westbrook Drive McLean, VA 22102 Contact: Keith Fretz Tel: (703) 556-5665 Fax: (703) 556-5172 GOSIP Product: DCP OSITS Version/Release: 2R1A + 192-194,197,199,202,203,205,207 Release Date: 01-MAR-92 Additional Info: PROV, Grndfthrd, V1->V2/registered Registration: Date: 19-OCT-92 Reason for Removal: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0078 DCP-15 through DCP-55 Front End Processors DCP/OS Ver 5R2A and TELCON Ver 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: Underlying Product: Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] ATS Used: ATS:1-8 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 73 Supplier: 000047 UNISYS Corporation 8008 Westbrook Drive McLean, VA 22102 Contact: Keith Fretz Tel: (703) 556-5665 Fax: (703) 556-5172 GOSIP Product: DCP OSITS Version/Release: 2R1A + 192-194,197,199,202,203,205,207 Release Date: 01-MAR-92 Additional Info: Registration: /inactive 01-OCT-92 Date: Reason for Removal: Eroneous PCTR. Racie. RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0078 DCP-15 through DCP-55 Front End Processors DCP/OS Ver 5R2A and TELCON Ver 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0010 LLC1{802.2}/MAC{802.3} Underlying Stack: LAN Platform 2R2A, DCP 802.3 LAN Line Module, Feature #F5137-00 Underlying Product: Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 AND ATS:1-9 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 81 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 136 Supplier: 000047 000060 Supplier: UNISYS Corporation UNISYS Corporation 8008 Westbrook Drive 8008 West Park Drive McLean, VA 22102 McLean, VA 22102 Contact: Keith Fretz Dale Pluta Contact: Tel: (703) 556-5665 Fax: (703) 556-5172 Tel: (703) 556-5682 GOSIP Product: CMS 1100/OSITS Ver 7R2B + PCR 15312, Fax: (703) 556-5172 192-194, 197, 199, 202, 203, 205, 207 GOSIP Product: A-Series/CP2000 OSI-IPC Software, Unisys Version/Release: Rel 2R1A Release Date: 01-MAR-92 Product 113/P4.3 Additional Info: Version/Release: Ver 30.00.200 Registration: PROV, Grndfthrd, V1->V2/registered Release Date: 05-JAN-93 Date: Reason for Removal: 16-OCT-92 Additional Info: DERIVED PROV, Grndfthrd, V1-> V2/registered Basis: Base Products: Registration: Tested Hardware/Operating System Platforms: 0082 OS1100 Exec. Date: 26-FEB-93 Reason for Removal: Ver 43R2 running on 2200 systems and 1190/90 Processors DCP-15 through DCP-55 Front End Processors, O/S OS1100 Exec. on Rasis RASE Processors DCP/OS 5R2A, Telcon 9R1A on Front End Processors Base Products: n/a Tested Hardware/Operating System Platforms: 0124 Claimed Compatibility Hardware/Software Platforms: 0001 A-Series Processor Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: X.25 PSCS Ver 51RA plus PCRs 1891-1899, 1902, A-Series System Software, Version 4.0 Claimed Compatibility Hardware/Software Platforms: 0001 1911, 1923, 1929. Underlying Product: Connectivity: 0046 Protocols and Profiles: 0003 TP4-CLNS/CLNP{ES} X.25 PLP/HDLC LAP-B Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Stack: CP2000 X.25, Ver 30.00.192, 30-SEP-92 CLNP{ES} [ISO 8473:1988] {Static Routing} Underlying Product: ATS:1-7 AND ATS:1-9 Protocols and Profiles: 0010 Conformance Lab: 0367 Transport Class 0 [ISO 8073:1988] ATS Used: ATS:1-8 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory Paoli, PA 19301 P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 133 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 137 000060 Supplier: UNISYS Corporation Supplier: 000060 UNISYS Corporation 8008 West Park Drive McLean, VA 22102 8008 West Park Drive Dale Pluta McLean, VA 22102 Contact: Tel: (703) 556-5682 Dale Pluta Fax: (703) 556-5172 Contact: GOSIP Product: A-Series CP2000 OSI-IPC Software Tel: (703) 556-5682 Version/Release: Ver 30.00.199 Release Date: 11-DEC-92 Fax: (703) 556-5172 Additional Info: A-Series/CP2000 OSI-IPC Software GOSIP Product: Registration: PROV, Grndfthrd, V1->V2/registered Version/Release: Ver 30.00.200 05-FEB-93 Date: Reason for Removal: Release Date: 05-JAN-93 Basis: **BASE** Base Products: n/a Additional Info: Tested Hardware/Operating System Platforms: 0121 Registration: PROV, Grndfthrd, V1->V2/registered Mainframe: A6 (TP4), FEP: CP2000 (CLNP) Date: 16-FEB-93 O/S Mainframe: A-Series System Software, Ver 4.0 (TP4) Reason for Removal: FEP: CP2000 Operating Software, V3.0 (CLNP) Basis: BASE Claimed Compatibility Hardware/Software Platforms: 0001 Base Products: n/a Connectivity: 0010 Tested Hardware/Operating System Platforms: 0124 LLC1 {802.2}/MAC{802.3} A-Series Processor Underlying Stack: S/W: CP2000 O/S V3.0; H/W: CP2000 with LMH A-Series System Software, Version 4.0 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Product: Connectivity: 0046 Protocols and Profiles: 0003 X.25 PLP/HDLC LAP-B Underlying Stack: CP2000 X.25, Ver 30.00.192, 30-SEP-92 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] Underlying Product: CLNP{ES} [ISO 8473:1988] {Static Routing} Protocols and Profiles: 0011 Transport Class 4-CONS [ISO 8073:1988] ATS:1-7 and ATS:1-9 Conformance Lab: 0367 ATS Used: ATS:1-9 UNISYS - Open Systems Interconnection Laboratory Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 145 000060 Supplier: Supplier: 000060 UNISYS Corporation 8008 West Park Drive McLean, VA 22102 Dale Pluta Contact: Contact: Dale Pluta Tel: (703) 556-5682 Fax: (703) 556-5172 GOSIP Product: A-Series/CP2000 OSI-IPC Software Fax: (703) 556-5172 GOSIP Product: Version/Release: Ver 30.00.199 Release Date: 11-DEC-92 CMS-1100 Additional Info: Registration: PROV, Grndfthrd, V1-> V2/registered Release Date: 22-NOV-93 Date: 16-FEB-93 Reason for Removal: Basis: **DERIVED** Base Products: Tested Hardware/Operating System Platforms: 0133 Registration: H/W: Mainframe: A6 (TP4), FEP: CP2000 (CLNP) Date: 23-MAR-94 O/S: Mainframe: A-Series System Software, Ver 4.0 Basis: BASE (TP4), FEP: CP2000 Operating Software, Ver 3.0 (CLNP) Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 X.25 PLP/HDLC LAP-B Connectivity: 0107 Underlying Stack: CP2000 X.25 Ver 30.00.192, 30-SEP-92 Underlying Product: Underlying Stack: CMS-1100 Protocols and Profiles: 0003 Protocols and Profiles: 0004 TP4-CLNS/CLNP{ES} Transport Class 4-CLNS[ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] {Static Routing} ATS:1-7 and ATS:1-9 Rtng Claimed) Conformance Lab: 0367 ATS Used: UNISYS - Open Systems Interconnection Laboratory Conformance Lab: 0367 P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Paoli, PA 19301 Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 171 Supplier: 000047 **UNISYS** Corporation Supplier: 000126 8008 Westbrook Drive McLean, VA 22102 Contact: Keith Fretz Tel: (703) 556-5665 Contact: Tom Cody Fax: (703) 556-5172 GOSIP Product: GOSIP Product: DCP OSITS Version/Release: 2R1A,+192-194,197,199,202,203,205,207 Version/Release: Version 1.0 Release Date: 01-MAR-92 Release Date: 01-MAY-93 Additional Info: None Registration: PROV, Grndfthrd, V1->V2/registered 19-OCT-92 Date: Reason for Removal: Registration: Basis: DERIVED 08-MAR-94 Date: Reason for Removal: Base Products: Tested Hardware/Operating System Platforms: 0078 Basis: **BASE** DCP-15 through DCP-55 Front End Processors Base Products: n/a DCP/OS Ver 5R2A and TELCON Ver 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0046 O/S: AIX Version 3 X.25 PLP/HDLC LAP-B Underlying Stack: Underlying Product: Connectivity: 0004 Protocols and Profiles: 0011 Transport Class 4-CONS [ISO 8073:1988] ATS Used: Protocols and Profiles: 0089 ATS:1-9 Conformance Lab: 0367 Session UNISYS - Open Systems Interconnection Laboratory ATS:2-10.1 P.O. Box 203, 2450 Swedesford Road ATS Used:

Paoli, PA 19301

Product Code/Type: P-004 TRANSPORT and CLNP Product ID: 239 UNISYS Corporation 8008 West Park Drive McLean, VA 22102 Tel: (703) 556-5682 Version/Release: Version 7R3A, PCR 16961 Additional Info: Tested hardware platform is 2200/200. Vendor claims compatible hardware as listed. PROV, GOSIP Version 2/registered Reason for Removal: Base Products: n/a Tested Hardware/Operating System Platforms: 0199 H/W: 2200/200 through 2200/900 O/S: OS1100 SB4R6 Claimed Compatibility Hardware/Software Platforms: 0001 LLC1{802.2}/MAC{802.3}/10Base5 Underlying Product: TP4-CLNS/CLNP{ES} & ES-IS{ES} Transport Class 4-CLNS [ISO 8073:1988/Add2:1989] CLNP{ES} [ISO 8473:1988] & ES-IS{ES} [ISO 9542:1988] {Dyn ATS:2-9.2 & ATS:2-7 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road Product Code/Type: P-005 Session Product ID: 229 Bull Information Systems, Inc. 13430 North Black Canyon Phoenix, AZ 85029 Tel: (602) 862-5114 DPX/20 AIX 3 Stack B (Session) Additional Info: Verified for use only in support of FTAM. Tested hardware platform is DPX/20 Model 400. Vendor claims hardware compatibility as listed. PROV, GOSIP Version 2/registered Tested Hardware/Operating System Platforms: 0195 H/W: DPX/20 Models 100, 400, 600, & 800 Claimed Compatibility Hardware/Software Platforms: 0001 TP4-CLNS/CLNP/LAN Underlying Stack: DPX/20 AIX 3 Stack B Underlying Product: 230 Session [ISO 8327:1987] Conformance Lab: Conformance Expert Center for OSI Bull - CECOB

> 1 Rue de Provence, BP 208 38432 Echirolles France

Supplier:

Product Code/Type: P-005 Session

000085

Supplier:

Product ID:

258

Product Code/Type: P-006 MHS Product ID:

000036

110

IBM Rome Networking Systems Laboratory Data General Corporation Via Paolo Di Dono 44 4400 Computer Drive, MS/D216 00143 Rome Italy Westboro, MA 01580 Alberto Sinibaldi Contact: Charles Stakus Contact: Tel: (508) 870-6392 Tel: 39 6 5966-2281 Fax: (508) 898-4694 Fax: 39 6 5966-2467 X.400 for AViiON Sys (X.400 for AViiON Sys/3.0) Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: 1BM AIX OSI Services/6000 GOSIP Product: (OSI for AViiON) Version/Release: Version 1 Release 1 Release Date: 01-APR-94 Version/Release: Ver 3.10 Release Date: 01-AUG-92 Additional Info: None Additional Info: None PROV, GOSIP Version 2/registered Registration: PROV, GOSIP Version 1/registered Registration: Date: Reason for Removal: 01-AUG-94 Reason for Removal: 01-DEC-92 Date: Basis: DERIVED BASE Base Products: n/a Base Products: 229 Basis: Tested Hardware/Operating System Platforms: 0238 Tested Hardware/Operating System Platforms: 0091 H/W: IBM RISC/6000 Model 32H H/W: AViiON Series 5000, VSC Synchronous Comms Controller O/S: DG/UX Rel. 5.4.1, AV/X.25 Rel. 2.2.0 O/S: IBM AIX/6000 Version 3.2.4 Claimed Compatibility Hardware/Software Platforms: 0239 Claimed Compatibility Hardware/Software Platforms: 0001 0058 TP0/WAN H/W: IBM RISC/6000 Models 2xx, 3xx, 5xx and 9xx Connectivity: O/S: IBM AIX/6000 Version 3 Underlying Stack: OSI/Platform for AViiON System Ver 3.0 [TP0]. 0004 TP4-CLNS/CLNP/LAN Connectivity: X.25 for AViiON System Ver 2.20 Underlying Stack: IBM AIX/6000 Version 3.2.4 Underlying Product: Underlying Product: 259 Protocols and Profiles: 0050 Protocols and Profiles: 0089 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} Session MHS-84 Session [X.410:1984] Session [ISO 8327:1987] ATS Used: ATS:1-13 and ATS:1-14 ATS:2-10.1 ATS Used: Conformance Lab: 0392 Conformance Lab: 0391 IBM Rome Networking Systems Laboratory Data General Corporation, OSI Conformance Test Center Via Paolo Di Dono 44 4400 Computer Drive, MS/D216 00143 Rome Italy Westborough, MA 01580 Product Code/Type: P-006 MHS Product ID: Product Code/Type: P-006 MHS Product ID: 223 154 000072 000102 Supplier: Supplier: Control Data Systems, Incorporated Data General Corporation 4201 North Lexington Avenue 4400 Computer Drive Arden Hills, MN 55126-6198 Westboro, MA 01580 B. Sekhon Peter Conway Contact: Contact: Tel: (612) 482-3868 Fax: (612) 482-2791 Tel: (508) 898-7176 Fax: (508) 898-4212 GOSIP Product: MAIL*HUB MHS/4000 OpenMail for AViiON Systems **GOSIP Product:** Version/Release: Ver 2.0.1 Version/Release: Version A.01.01.eo, Rev. 1.00 Release Date: 29-JAN-93 Release Date: 01-OCT-93 Additional Info: This product does not support MTA Relaying Additional Info: Must use with X.400 for AViiON Systems,V Registration: PROV, GOSIP Version 1/registered 3.30,01-OCT-93(P1/RTS/SESSION) Date: 04-MAY-93 FULL, GOSIP Version 2/registered Registration: Reason for Removal: Date: 25-FEB-94 Reason for Removal: Rasis: BASE **BASE** Base Products: n/a Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0240 Tested Hardware/Operating System Platforms: 0144 H/W: AV8500 H/W: Control Data CD 4330 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 O/S: EP/IX 2.0.1 Claimed Compatibility Hardware/Software Platforms: 0241 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, Claimed Compatibility Hardware/Software Platforms: 0242 H/W: Control Data CD 4000 Series AV8000, AV8500, AV9000 0004 TP4-CLNS/CLNP/LAN Connectivity: 0004 Underlying Stack: X.400 for AViiON Systems, Version 3.30, 01-OCT-9. TP4-CLNS/CLNP/LAN and OSI/Platform for AViiON Systems, Version 3.30, 01-OCT-93 Underlying Stack: Control Data EP/IX Access and Directory Ver 1.4.2 Underlying Product: Underlying Product: Protocols and Profiles: 0045 Protocols and Profiles: 0045 MHS-84/(Session) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS:1-13, ATS:1-14 and ATS:1-15 ATS Used: ATS Used: ATS:2-13.4 Conformance Lab: 0354 Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Control Data Corporation, OSI Accredited Test Center

4201 North Lexington Avenue

Arden Hills, MN 55126-6198

Product Code/Type: P-006 MHS Product ID: 224 Product Code/Type: P-006 MHS Product ID: 139 Supplier: 000102 000063 Supplier: Data General Corporation Digital Equipment Corporation 4400 Computer Drive P.O. Box 121 Westboro, MA 01580 Worton Grange, Reading, Berks RG2 OTE Contact: Peter Conway United Kingdom Tel: (508) 898-7176 Fax: (508) 898-4212 Contact: Richard Duhamel GOSIP Product: X.400 for AViiON Systems Tel: (508) 486-5021 Fax: (508) 486-7417 Version/Release: Version 3.30 Release Date: 01-OCT-94 GOSIP Product: VAX Message Router X.400 Gateway Additional Info: Version/Release: Ver 2.2G Release Date: 18-DEC-92 FULL, GOSIP Version 2/registered Registration: Additional Info: None Reason for Removal: PROV, GOSIP Version 1/registered Date: 25-FEB-94 Registration: Base Products: n/a Basis: **BASE** Reason for Removal: Date: 11-MAR-93 Tested Hardware/Operating System Platforms: 0240 Basis: **BASE** Base Products: n/a H/W: AV8500 Tested Hardware/Operating System Platforms: 0128 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 H/W: MicroVAX 3400 O/S: VAX/VMS Ver. 5.4 Claimed Compatibility Hardware/Software Platforms: 0241 Claimed Compatibility Hardware/Software Platforms: 0243 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, O/S: VAX/VMS Ver. 5.4 and 5.5 AV8000, AV8500, AV9000 0058 TP0/WAN Connectivity: 0004 TP4-CLNS/CLNP/LAN Connectivity: Underlying Stack: DECNet-VAX (TM) Extensions Ver5.4A (TD1111) Underlying Stack: OSI/Platform for AViiON Sys, V3.30, 01-OCT-93 Underlying Product: Underlying Product: Protocols and Profiles: 0050 MHS-84 Relay/(Session) Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS Used: ATS:1-13 AND ATS:1-14 ATS Used: ATS:2-13.3, ATS:2-13.2, and ATS:2-13.5 Conformance Lab: 0357 Conformance Lab: 0364 National Computing Centre Limited CDA, Incorporated Oxford Road 8301 Greensboro Drive, #350 Manchester M17ED United Kingdom McLean, VA 22102-3603 Product Code/Type: P-006 MHS Product ID: 138 Product Code/Type: P-006 MHS Product ID: 000040 225 Supplier: Supplier: 000102 Encore Computing Corporation Data General Corporation 6901 West Sunrise Boulevard Ft. Lauderdale, FL 33313-4499 4400 Computer Drive Westboro, MA 01580 Contact: Augie Gonzales Contact: Peter Conway Tel: (305) 587-2900 Tel: (508) 898-7176 Fax: (508) 898-4212 Fax: (305) 797-5807 **GOSIP Product:** OpenMail for AViiON Systems GOSIP Product: EnComm X.400 Version/Release: Version A.01.01.eO, Rev. 1.00 Version/Release: Ver 2.0.1 Release Date: 01-OCT-93 Release Date: 01-JAN-93 Additional Info: Must use with X.400 for AViiON Systems, Version Additional Info: None 3.30, 01-OCT-93 (P1/RTS/Session). Registration: PROV, GOSIP Version 1/registered PROV, GOSIP Version 2/registered Registration: Date: 11-MAR-93 Date: 03-MAR-94 Reason for Removal: Reason for Removal: DERIVED Basis: Base Products: 223, 224 BASE Tested Hardware Operating System Platforms: 0240 Base Products: n/a Tested Hardware/Operating System Platforms: 0067 H/W: AV8500 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 H/W: Encore Infinity 90 Series GPIO I Claimed Compatibility Hardware/Software Platforms: 0241 O/S: UMAX Ver. 3.0.7 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, Claimed Compatibility Hardware/Software Platforms: 0001 AV8000, AV8500, AV9000 0058 Connectivity: Connectivity: 0058 TP0/WAN TP0/WAN EnComm ISO Transport Services, Rev 3.0.0 [TP0]. Underlying Stack: X.400 for AViiON Systems, Version 3.30, Underlying Stack: 01-OCT-93; OSI/Platform for AViiON Systems, Version 3.30, EnComm X.25 Rev 3.0 (x.25) 01-OCT-93; X.25 for AViiON Systems, Version 2.4, 01-OCT-93 Underlying Product: Underlying Product: 207 & 204 Protocols and Profiles: 0045 Protocols and Profiles: 0045 MHS-84/(Session) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS Used: ATS:2-13.5, ATS:2-13.2, ATS:2-13.3, & ATS:2-13.4 ATS:1-13, ATS:1-14 and ATS:1-15 ATS Used: Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Supplier:

Product Code/Type: P-006 MHS Product ID:

000085

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Product Code/Type: P-006 MHS Product ID:

000101

Supplier:

IBM Rome Networking Systems Laboratory Enterprise Solutions Limited 32603 Bowman Knoll Drive Via Paolo Di Dono 44 Westlake Village, CA 91361 00143 Rome Italy Contact: Barry Sandever Alberto Sinibaldi Contact: Tel: (818) 597-8943 Fax: (818) 595-9621 Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 GOSIP Product: Enterprise Mail User Agent Email: Sinibald@romeppc.vnet.ibm.com Version/Release: Version 2.11 Release Date: 01-MAY-93 GOSIP Product: X.400 PROFS Connection Additional Info: Must be used w NCR StarPRO Message Central Version/Release: V1R3 Release Date: 01-JUN-91 400, Ver 2.0, 01-MAR-93. This combination of products provides Additional Info: Must be used with Open Network Distribution Services, V1R1, 01-OCT-90, & OSI/Communications set of MHS: P2, P1, RTS, & embedded Session protocols Registration: PROV, GOSIP Version 1/registered Subsystem, V1R1.1, 01-DEC-90 Date: 17-SEP-93 Reason for Removal: Registration: PROV, GOSIP Version 1/registered Base Products: n/a Basis: BASE Date: 19-MAR-93 Reason for Removal: Tested Hardware/Operating System Platforms: 0248 Base Products: n/a BASE Basis: H/W: NCR System 3000, Model 3450 Tested Hardware/Operating System Platforms: 0037 O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 H/W: IBM System 390 O/S: IBM VM/ESA Ver 1 Rel 1 Claimed Compatibility Hardware/Software Platforms: 0064 Claimed Compatibility Hardware/Software Platforms: 0244 H/W: NCR System 3000 consisting of the following hardware H/W: IBM System 370/390 models: 3320, 3340, 3345, 3447, 3450, 3550, and 3600 0058 TP0/WAN Connectivity: 0082 TP4-CLNS/CLNP/LAN Underlying Stack: OSI/Communications Subsystem Ver 1 Rel 1.1 Underlying Stack: NCR UNIX OSI Network Services, Version 2.00.02 IBM NCP Packet Switching Interface Underlying Product: Underlying Product: Protocols and Profiles: 0045 Protocols and Profiles: 0045 MHS-84/(Session) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS:1-13, ATS:1-14 AND ATS:1-15 ATS:1-13, ATS:1-14, ATS:1-15 Conformance Lab: 0363 Conformance Lab: 0392 Corporation for Open Systems International Test Center IBM Rome Networking Systems Laboratory 8260 Willow Oaks Corp Drive, Suite 700 Via Paolo Di Dono 44 Fairfax, VA 22031 00143 Rome Italy Product Code/Type: P-006 MHS Product ID: Product Code/Type: P-006 MHS Product ID: 194 13 Supplier: 000018 Supplier: 000085 Hewlett-Packard Company IBM Rome Networking Systems Laboratory 19420 Homestead Road Via Paolo Di Dono 44 Cupertino, CA 95014-9810 00143 Rome Italy Murali Subbarao Alberto Sinibaldi Contact: Contact: Fax: 39 6 5966-2467 Tel: (408) 447-2822 Fax: (408) 447-3660 Tel: 39 6 5966-2281 GOSIP Product: HP X.400/9000 P/N HP32032A; (X.400 Interface) Email: Sinibald@romeppc.vnet.ibm.com HP OpenMail, P/N B1600A GOSIP Product: Open Network Distribution Services Version/Release: Ver C.02.00; Ver A.00.02.03 Version/Release: Version 1 Release 1 Release Date: 01-OCT-90 Release Date: 10-JUN-91 Additional Info: Must be used with OSI/Communications Subsystem, V1R1.1, 01-DEC-90, to provide the P1/RTS and Embedded Additional Info: None Registration: PROV, GOSIP Version 1/registered Session protocols Date: 19-AUG-91 PROV, GOSIP Version 1/registered Registration: Reason for Removal: Reason for Removal: Date: 15-OCT-93 Basis: **BASE** Basis: **DERIVED** Base Products: Base Products: n/a Tested Hardware/Operating System Platforms: 0036 Tested Hardware/Operating System Platforms: 0014 H/W: IBM System 390 O/S: IBM MVS/ESA Ver 3 Rel 1 H/W: HP 9000 Series 800/HP-UX Operating System, Ver. 8.0 Claimed Compatibility Hardware/Software Platforms: 0244 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: IBM System 370/390 0004 TP4-CLNS/CLNP/LAN 0058 TP0/WAN Connectivity: Connectivity: Underlying Stack: HP OSI Transport Services/9000 Series 800 Underlying Stack: OSI/Communications Subsystem, V1R1.1, 01-DEC-90, and IBM NCP Packet Switching Interface Underlying Product: Protocols and Profiles: 0045 Underlying Product: MHS-84/(Session) Protocols and Profiles: 0050 MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Relay/(Session) MHS-84 Session [X.410:1984] MHS-84 Relay [X.400:1984] {P1, RTS} ATS Used: ATS:1-13, ATS:1-14 AND ATS:1-15 MHS-84 Session [X.410:1984] Conformance Lab: 0365 ATS Used: ATS:1-13 and ATS:1-14 Hewlett-Packard Company, OSI Conformance Test Center Conformance Lab: 0392 19420 Homestead Road, MS 43UJ IBM Rome Networking Systems Laboratory Cupertino, CA 95014-9810 Via Paolo Di Dono 44

00143 Rome Italy

Product Code/Type: P-006 MHS Product ID: 195 Product Code/Type: P-006 MHS Product ID: 114 000085 Supplier: Supplier: 000058 IBM Rome Networking Systems Laboratory NCR Network Products Division Via Paolo Di Dono 44 9900 Old Grove Road 00143 Rome Italy San Diego, CA 92131 Alberto Sinibaldi Contact: Rolf Krause Contact: Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Tel: (619) 693-5788 Fax: (619) 693-5705 Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: NCR StarPRO Message Central 400 GOSIP Product: X.400 DISOSS Connection Version/Release: Ver 2.0 Release Date: 01-MAR-93 Version/Release: Version 1 Release 2 Additional Info: This Product also registered for TP4 over LAN Release Date: 01-MAR-91 (Product ID 115) PROV, GOSIP Version 1/registered Additional Info: Must be used with Open Network Distribution Registration: Services, V1R1, 01-OCT-90, and OSI/Communications Date: 29-DEC-92 Reason for Removal: Subsystem, V1R1.1, 01-DEC-90 Basis: BASE Base Products: n/a PROV, GOSIP Version 1/registered Tested Hardware/Operating System Platforms: 0247 Registration: Reason for Removal: Date: 13-OCT-93 H/W: NCR System 3000, Model 3345 Base Products: n/a O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 Rasis. BASE Tested Hardware/Operating System Platforms: 0036 Claimed Compatibility Hardware/Software Platforms: 0064 H/W: IBM System 390 O/S: IBM MVS/ESA Ver 3 Rel 1 H/W: NCR System 3000 consisting of the following hardware models: 3320, 3340, 3345, 3447, 3450, 3550, and 3600 Claimed Compatibility Hardware/Software Platforms: 0244 H/W: IBM System 370/390 TP0/WAN 0058 Underlying Stack: NCR UNIX OSI Network Services, Ver 2.01 Connectivity: 0100 MHS {P1, RTS}/Session/TP0/WAN Open Network Distribution Services, V1R1, (Product ID 83) Underlying Stack: 01-OCT-90, OSI/ Communications Subsystem V1R1.1, Underlying Product: 01-DEC-90, and IBM NCP Packet Switching Interface Protocols and Profiles: 0050 MHS-84 Relay/(Session) Underlying Product: MHS-84 Relay [X.400:1984] {P1, RTS} Protocols and Profiles: 0078 MHS [X.400:1984] {P2} ATS Used: ATS:1-15 MHS-84 Session [X.410:1984] Conformance Lab: 0392 ATS Used: ATS:1-13 AND ATS:1-14 0363 Conformance Lab: IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 Corporation for Open Systems International Test Center 00143 Rome Italy 8260 Willow Oaks Corp Drive, Suite 700 Fairfax, VA 22031 Product Code/Type: P-006 MHS Product ID: 155 Product Code/Type: P-006 MHS Product ID: 115 Supplier: 000073 Supplier: 000058 International Business Machines Corporation 3605 Highway 52 North NCR Network Products Division 9900 Old Grove Road Rochester, MN 55901 Michael Sullivan San Diego, CA 92131 Contact: Tel: (39-06)5187 2517 Fax: (39-06)51872467 Contact: Rolf Krause Fax: (619) 693-5705 Tel: (619) 693-5788 GOSIP Product: IBM OSI Message Services/400 GOSIP Product: NCR StarPRO Message Central 400 Version/Release: Ver 2 Rel 1.1 Version/Release: Ver 2.0 Release Date: 01-MAR-93 Release Date: 01-MAR-92 Additional Info: This Product also registered for TP0 over WAN Additional Info: Must be used with OSI Communications (Product ID 114) Subsystem/400 Ver 2 Rel 1.1 01-MAR-92 Registration: PROV, GOSIP Version 1/registered PROV, GOSIP Version 1/registered Registration: Reason for Removal: Date: 29-DEC-92 Date: 04-MAY-93 Reason for Removal: Base Products: Basis: BASE Base Products: n/a Basis: DERIVED Tested Hardware/Operating System Platforms: 0247 Tested Hardware/Operating System Platforms: 0140 H/W: NCR System 3000, Model 3345 H/W: AS/400 O/S: IBM OS/400 Ver 2 Rel 1.1 O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0064 Connectivity: 0058 H/W: NCR System 3000 consisting of the following hardware TP0/WAN models: 3320, 3340, 3345, 3447, 3450, 3550, and 3600 TP0: IBM OSI Communication Subsystem/400 V2 Underlying Stack: R1.1 WAN: IBM AS/400 X.25 Communication Connectivity: 0004 TP4-CLNS/CLNP/LAN NCR UNIX OSI Network Services, Ver 2.00.02 Support Program V2 R1.1 Underlying Stack: (TP4/CLNP, Product ID 51) Underlying Product: Underlying Product: Protocols and Profiles: 0045 Protocols and Profiles: 0050 MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] ATS Used: MHS-84 Session [X.410:1984] ATS:1-13, ATS:1-14 and ATS:1-15 ATS Used: ATS:1-13 AND ATS:1-14 Conformance Lab: 0392 Conformance Lab: 0363 IBM Rome Networking Systems Laboratory Corporation for Open Systems International Test Center Via Paolo Di Dono 44

00143 Rome Italy

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Product Code/Type: P-006 MHS Product ID: Product Code/Type: P-006 MHS Product ID: 123 263 Supplier: 000057 000099 Supplier: Retix SUN MicroSystems, Inc. 2401 Colorado Avenue 32 Chemin du Vieux Chene Meylan F-38240 France Santa Monica, CA 90404 Jeff Stone Willy-Francois Poulet Contact: Contact: Tel: (310) 828-3400 Fax: (310) 828-2255 Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 GOSIP Product: GOSIP Product: Retix User Agent Model MH-423, Retix SunLink MHS OpenServer Model MH- 4430 Version/Release: Version 8.0 Version/Release: Ver 1.41 Release Date: 01-OCT-92 Release Date: 27-AUG-93 Additional Info: None Additional Info: None PROV, GOSIP Version 1/registered Registration: PROV, GOSIP Version 2/registered Registration: Date: 06-JAN-93 Reason for Removal: Date: 27-JUN-94 Basis: BASE Base Products: n/a Reason for Removal: Tested Hardware/Operating System Platforms: 0108 DERIVED Basis: H/W: Tatung (Intel 386), with a Western Digital 8003 for 802.3 Base Products: O/S: SCO Ver 4.0 (UNIX V Rel 3.2) Tested Hardware/Operating System Platforms: 0093 Claimed Compatibility Hardware/Software Platforms: 0245 H/W: SPARCstation 10 Model 41 H/W: Intel 80386 and 80486 based platforms O/S: Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0218 Connectivity: 0004 TP4-CLNS/CLNP/LAN Underlying Stack: Retix LT-610, Ver 2.3.0 (TP4/CLNP/LAN) H/W: All Sun SPARC Hardware Connectivity: 0069 Underlying Product: Protocols and Profiles: 0045 TP4-CLNS/CLNP/WAN Underlying Stack: SunLink OSI 8.0, SunLink X.25 8.0 MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} Underlying Product: 217 MHS-84 Session [X.410:1984] Protocols and Profiles: 0045 ATS:1-13, ATS:1-14 AND ATS:1-15 MHS-84/(Session) Conformance Lab: 0357 MHS-84 [X.400:1984] {P2, P1, RTS} National Computing Centre Limited MHS-84 Session [X.410:1984] Oxford Road ATS:2-13.2, ATS:2-13.3, ATS:2-13.4, and ATS:2-13. ATS Used: Manchester M17ED United Kingdom Conformance Lab: 0357 National Computing Centre Limited Oxford Road Product Code/Type: P-006 MHS Product ID: 124 Manchester M17ED United Kingdom 000057 Supplier: Product Code/Type: P-006 MHS Product ID: 264 2401 Colorado Avenue Supplier: 000099 Santa Monica, CA 90404 SUN MicroSystems, Inc. Jeff Stone 32 Chemin du Vieux Chene Contact: Tel: (310) 828-3400 Fax: (310) 828-2255 Meylan F-38240 France GOSIP Product: Retix User Agent Model MH-423, Retix Contact: Willy-Francois Poulet OpenServer Model MH-4420 Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 Version/Release: Ver 1.41 Release Date: 01-OCT-92 GOSIP Product: SunLink MHS Version/Release: Version 8.0 Additional Info: None Release Date: 27-AUG-93 Registration: PROV, GOSIP Version 1/registered Additional Info: None PROV, GOSIP Version 2/registered Date: 06-JAN-93 Reason for Removal: Registration: Basis: BASE Base Products: n/a Date: 27-JUN-94 Reason for Removal: Tested Hardware/Operating System Platforms: 0109 DERIVED Base Products: Basis: H/W: Alpha Systems Lab (Intel 486), with Western Tested Hardware/Operating System Platforms: 0093 Digital 8003 for 802.3 H/W: SPARCstation 10 Model 41 O/S: Sunsoft's Interactive UNIX (Ver 3.2), Version 3.0 O/S: Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0245 Claimed Compatibility Hardware/Software Platforms: 0218 H/W: Intel 80386 and 80486 based platforms H/W: All Sun SPARC Hardware 0004 Connectivity: Connectivity: 0058 TP4-CLNS/CLNP/LAN TP0/WAN Underlying Stack: SunLink OSI 8.0, SunLink X.25 8.0 Underlying Stack: Retix LT-610, Ver 2.3.0 (TP4/CLNP/LAN) Underlying Product: Underlying Product: 187 Protocols and Profiles: 0045 Protocols and Profiles: 0045 MHS-84/(Session) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS:2-13.2, ATS:2-13.3, ATS:2-13.4, and ATS:2-13. ATS:1-13, ATS:1-14 AND ATS:1-15 ATS Used: ATS Used: Conformance Lab: 0357 Conformance Lab: 0357

National Computing Centre Limited

Manchester M17ED United Kingdom

Oxford Road

National Computing Centre Limited

Manchester M17ED United Kingdom

Oxford Road

Product Code/Type: P-006 MHS Product ID: 265 Product Code/Type: P-006 MHS Product ID: 84 Supplier: 000099 000050 Supplier: SUN MicroSystems, Inc. SUN MicroSystems, Inc. International Centre for 32 Chemin du Vieux Chene Network Computing Meylan F-38240 France 32 Rue du Vieux Chene Willy-Francois Poulet Contact: F-38240 Meylan France Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 Contact: Tom Hull GOSIP Product: SunLink MHS Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: Version/Release: version 8.0 Release Date: 27-AUG-93 SUNNET MHS Additional Info: None Version/Release: Ver 7.1 Registration: PROV, GOSIP Version 2/registered Release Date: 01-OCT-92 27-JUN-94 Date: Additional Info: None Reason for Removal: Registration: PROV, GOSIP Version 1/registered BASE Basis: Date: 25-NOV-92 Base Products: N/A Reason for Removal: Tested Hardware/Operating System Platforms: 0093 Basis: DERIVED H/W: SPARCstation 10 Model 41 Base Products: O/S: Solaris 2.1 Tested Hardware/Operating System Platforms: 0074 Claimed Compatibility Hardware/Software Platforms: 0218 H/W: Sun 4, Station 2-4/75 H/W: All Sun SPARC Hardware O/S: SunOS 4.0.3, 4.1, 4.1.1 Connectivity: 0082 Claimed Compatibility Hardware/Software Platforms: 0001 TP4-CLNS/CLNP/LAN 0058 Connectivity: Underlying Stack: SunLink OSI 8.0 Underlying Product: 188 TP0/WAN Protocols and Profiles: 0045 Underlying Stack: SunNet X.25, Ver 7.0.1 Rel 1 Underlying Product: MHS-84/(Session) Protocols and Profiles: 0050 MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Relay/(Session) MHS-84 Session [X.410:1984] MHS-84 Relay [X.400:1984] {P1, RTS} ATS Used: ATS:2-13.2, ATS:2-13.3, ATS:2-13.4, and ATS:2-13.5 MHS-84 Session [X.410:1984] Conformance Lab: 0357 ATS:1-13 AND ATS:1-14 Conformance Lab: 0357 National Computing Centre Limited Oxford Road National Computing Centre Limited Manchester M17ED United Kingdom Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-006 MHS Product ID: 67 Product Code/Type: P-006 MHS Product ID: 118 000050 Supplier: SUN MicroSystems, Inc. International Centre for 000055 Supplier: SUN Microsystems Federal, Incorporated Network Computing 32 Rue du Vieux Chene 2650 Park Tower Drive, Suite 500 F-38240 Meylan France Vienna, VA 22180-7306 Tom Hull Michael Barnes Contact: Contact: Tel: (703) 204-4100 Fax: (703) 204-4782 Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: SUNNET MHS Gateway GOSIP Product: SunLink OSI Version/Release: Ver 7.1 Version/Release: Ver 8.0 Release Date: 04-AUG-92 Release Date: 01-OCT-92 Additional Info: None Additional Info: None PROV, GOSIP Version 1/registered PROV, GOSIP Version 1/registered Registration: Registration: Date: 14-OCT-92 Date: 04-JAN-93 Reason for Removal: Reason for Removal: Basis. **BASE** Base Products: n/a Tested Hardware/Operating System Platforms: 0103 **BASE** Base Products: n/a Sun, SPARCstation 10 model 30 - MAC H/W - AMD, Lance 7990 Ethernet Controller Tested Hardware/Operating System Platforms: 0074 H/W: Sun 4, Station 2-4/75 - MAC S/W - SUN, Solaris 2.1 Ethernet Driver, O/S Solaris 2.1 O/S: SunOS 4.0.3, 4.1, 4.1.1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 Connectivity: 0004 TP4-CLNS/CLNP/LAN Underlying Stack: SunLink OSI 8.0 (TP4/CLNP) Underlying Product: TP4-CLNS/CLNP/LAN Protocols and Profiles: 0050 Underlying Stack: SunNet OSI Ver 7.1 Rel 1 Underlying Product: Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Relay/(Session) MHS-84 Session [X.410:1984] MHS-84 Relay [X.400:1984] {P1, RTS} ATS:1-13 AND ATS:1-14 MHS-84 Session [X.410:1984] ATS Used: ATS:1-13 and ATS:1-14 Conformance Lab: 0364 Conformance Lab: 0357 CDA, Incorporated National Computing Centre Limited 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Oxford Road

Manchester M17ED United Kingdom

Product Code/Type: P-006 MHS Product ID: 119 Supplier: 000055 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Contact: Michael Barnes Tel: (703) 204-4100 Fax: (703) 204-4782 GOSIP Product: SunLink OSI Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None Registration: PROV, GOSIP Version 1/registered Date: 04-JAN-93 Reason for Removal: BASE Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0104 Sun, SPARCstation 10 Model 42 - MAC H/W - AMD, Lance 7990 Ethernet Controller - MAC S/W - Sun, Solaris 2.1 Ethernet Driver, O/S Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 TP4-CLNS/CLNP/LAN Underlying Stack: SunLink OSI 8.0 (TP4/CLNP) Underlying Product: Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] ATS:1-13 AND ATS:1-14 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-006 MHS Product ID: Supplier: 000055 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Contact: Michael Barnes Tel: (703) 204-4100 Fax: (703) 204-4782 GOSIP Product: SunLink OSI Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None PROV, GOSIP Version 1/registered Registration: 04-JAN-93 Date: Reason for Removal: BASE Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0105 Sun, SPARCstation 10 Model 41 - MAC H/W - AMD, Lance 7990 Ethernet Controller - MAC S/W - Sun, Solaris 2.1 Ethernet Driver, O/S Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 0004 Connectivity: TP4-CLNS/CLNP/LAN Underlying Stack: SunLink OSI 8.0 (TP4/CLNP) Underlying Product: Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] ATS:1-13 AND ATS:1-14 ATS Used: Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-006 MHS Product ID: 121 Supplier: 000055 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Contact: Michael Barnes Tel: (703) 204-4100 Fax: (703) 204-4782 GOSIP Product: SunLink OSI Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None Registration: PROV, GOSIP Version 1/registered Date: 04-JAN-93 Reason for Removal: **BASE** Basis: Base Products: n/a Tested Hardware/Operating System Platforms: 0106 Sun, SPARCstation 4/30 - MAC H/W - AMD, Lance 7990 Ethernet Controller - MAC S/W - Sun, Solaris 2.1 Ethernet Driver, O/S Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 0004 Connectivity: TP4-CLNS/CLNP/LAN Underlying Stack: SunLink OSI 8.0 (TP4/CLNP) Underlying Product Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] ATS Used: ATS:1-13 AND ATS:1-14 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-006 MHS Product ID: 122 Supplier: 000055 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Michael Barnes Contact: Fax: (703) 204-4782 Tel: (703) 204-4100 GOSIP Product: SunLink OSI Version/Release: Ver 8.0 Release Date: 04-AUG-92 Additional Info: None Registration: PROV, GOSIP Version 1/registered 04-JAN-93 Date: Reason for Removal: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0107 RDI BRIGHTLITE Model IPX Color Laptop Workstation - MAC H/W - AMD, Lance 7990 Ethernet Controller - MAC S/W - Sun, Solaris 2.1 Ethernet Driver, O/S Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 TP4-CLNS/CLNP/LAN Underlying Stack: SunLink OSI 8.0 (TP4/CLNP) Underlying Product: Protocols and Profiles: 0050 MHS-84 Relay/(Session) MHS-84 Relay [X.400:1984] {P1, RTS} MHS-84 Session [X.410:1984] ATS:1-13 AND ATS:1-14 ATS Used:

Conformance Lab: 0364

CDA, Incorporated

8301 Greensboro Drive, #350 McLean, VA 22102-3603

Product Code/Type: P-006 MHS Product ID: 61 Product Code/Type: P-006 MHS Product ID: 140 Supplier: 000047 000060 Supplier: **UNISYS** Corporation UNISYS Corporation 8008 West Park Drive 8008 Westbrook Drive McLean, VA 22102 McLean, VA 22102 Keith Fretz Contact: Contact: Dale Pluta Tel: (703) 556-5665 Fax: (703) 556-5172 Tel: (703) 556-5682 Fax: (703) 556-5172 GOSIP Product: OS1100 OSI-MHS DDP-PPC: 5RIA & PCR 987 GOSIP Product: A-Series OSI-MHS Version/Release: Ver OSI-HS 2R1B Release Date: 06-MAY-92 Version/Release: 2.0.048 Release Date: 17-DEC-92 Additional Info: None Additional Info: Used in conjunction with A-Series/CP2000 OSI-IPC Registration: PROV, GOSIP Version 1/registered Software, Version 30.00.199, 11-Dec-92. Date: 10-SEP-92 Reason for Removal: Registration: PROV, GOSIP Version 1/registered Basis: BASE Base Products: n/a Date: 04-MAY-93 Reason for Removal: Tested Hardware/Operating System Platforms: 0070 Base Products: n/a Basis: **BASE** H/W: 2200/201 O/S: OS1100 Exec. Ver 43R2 Tested Hardware/Operating System Platforms: 0143 Claimed Compatibility Hardware/Software Platforms: 0246 A-Series/CP2000 H/W: 1100/90 and 2200 Series Processors - A-Series System Software Ver 4.0 O/S: OS1100 Exec. Ver 43R2 - CP2000 Operating Software Ver 3.0 0004 TP4-CLNS/CLNP/LAN Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: Underlying Stack: CMS 1100 7R2B + PCR 15312(TP4). OSITS Connectivity: 0004 2RIA + PCR 192, 193, 194, 197 CMS 1100 7R2B + PCR TP4-CLNS/CLNP/LAN 15312 (CLNP). DCP 802.3 LAN Line Module (LAN) Underlying Stack: A-Series/CP2000 OSI-IPC (TP4-CLNS/CLNP). Underlying Product: CP2000 Operating Software (LAN) Protocols and Profiles: 0045 Underlying Product: MHS-84/(Session) Protocols and Profiles: 0045 MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84/(Session) MHS-84 Session [X.410:1984] MHS-84 [X.400:1984] {P2, P1, RTS} ATS Used: ATS:1-13, ATS:1-14 AND ATS:1-15 MHS-84 Session [X.410:1984] Conformance Lab: 0367 ATS Used: ATS:1-13, ATS:1-14, ATS:1-15 UNISYS - Open Systems Interconnection Laboratory Conformance Lab: 0367 P.O. Box 203, 2450 Swedesford Road UNISYS - Open Systems Interconnection Laboratory Paoli, PA 19301 P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Product Code/Type: P-006 MHS Product ID: Supplier: 000047 Product Code/Type: P-006 MHS Product ID: 163 **UNISYS** Corporation 000060 Supplier: 8008 Westbrook Drive UNISYS Corporation McLean, VA 22102 8008 West Park Drive McLean, VA 22102 Contact: Keith Fretz Dale Pluta Tel: (703) 556-5665 Fax: (703) 556-5172 Contact: Tel: (703) 556-5682 GOSIP Product: DDP-PPC & OS 1100 OSI-MHS Fax: (703) 556-5172 Version/Release: Ver DDP-PPC 5RIA + PCR 987 GOSIP Product: A-Series OSI-MHS Release Date: 30-MAR-92 Version/Release: Ver 2.0.048 Release Date: 17-DEC-92 Additional Info: In conjunction with A-Series CP/2000 OSI-IPC Additional Info: None Registration: PROV, GOSIP Version 1/registered Software Ver 30.00.200, Rel 05-JAN-93 Date: 16-OCT-92 Reason for Removal: PROV. GOSIP Version 1/registered Registration: Base Products: Reason for Removal: Basis: DERIVED Date: 18-IUN-93 Tested Hardware/Operating System Platforms: 0079 **DERIVED** Base Products: Tested Hardware/Operating System Platforms: 0143 Model 1100/90 or any 2200 System using OS1100 EXEC Ver 43R2 and DCP-15 through DCP-55 using DCP/OS Ver 5R2A and A-Series/CP2000 TELCON Ver 9R1A - A-Series System Software Ver 4.0 Claimed Compatibility Hardware/Software Platforms: 0001 - CP2000 Operating Software Ver 3.0 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0085 0088 TP4-CONS/WAN TP0/WAN TP4-CLNS/CLNP/WAN or TP4-CONS/WAN or TP0/WAN Connectivity: A-Series/CP2000 OSI-IPC Software/CP2000 X.25; Underlying Stack: A-Series/CP2000 OSI-IPC V30.00.199 (TP4/CLNP). Underlying Stack: A-Series/CP2000 OSI-IPC Unisys Product 113/P4.3 [ISO 8208] X.25 DCP OSITS, Ver 2RIA(TP4). [ISO 8208] X.25 CMS 1100/OSITS Ver 7R2B(TP0). [ISO 8208] X.25 (X.25) Underlying Product: Underlying Product: Protocols and Profiles: 0045 Protocols and Profiles: 0045 MHS-84/(Session) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] MHS-84 Session [X.410:1984] ATS Used: ATS:1-13, ATS:1-14 and ATS:1-15 ATS:1-13, ATS:1-14 AND ATS:1-15 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

Product Code/Type: P-007 FTAM Product ID:

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Product Code/Type: P-006 MHS Product ID:

000060 Supplier: Supplier: UNISYS Corporation Bull Information Systems, Inc. 8008 West Park Drive 13430 North Black Canyon McLean, VA 22102 Phoenix, AZ 85029 Contact: Dale Pluta Contact: Tom Cody Tel: (703) 556-5682 Fax: (703) 556-5172 Tel: (602) 862-5114 GOSIP Product: **OSI-MHS** GOSIP Product: DPX/20 AIX 3 Stack B Version/Release: Version 3R1 with PCRs Version/Release: Version 1.0 Release Date: 01-MAY-93 1269,1283,1343,1335,1370,1390,1398,1430,1446,1468,1290 & 1397. Additional Info: Release Date: 17-DEC-93 PROV, GOSIP Version 2/registered Registration: Additional Info: Must be used in conjunction with DDP-PPC, Date: 08-MAR-94 Reason for Removal: Version 5R1B with PCRs 1601, 1499 and 1618, March 25, 1994 Basis: BASE Base Products: n/a PROV, GOSIP Version 2/registered Registration: Tested Hardware/Operating System Platforms: 0195 Date: 01-AUG-94 Reason for Removal: H/W: DPX/20 Models 100, 400, 600, & 800 Basis: BASE Base Products: N/A O/S: AIX Version 3 Tested Hardware/Operating System Platforms: 0234 Claimed Compatibility Hardware/Software Platforms: 0001 O/S: OS1100 SB4R6 0057 Session/TP4-CLNS/CLNP/LAN H/W: 2200/200 Connectivity: Claimed Compatibility Hardware/Software Platforms: 0235 Underlying Stack: DPX/20 AIX 3 Stack B Version 1 H/W: 2200 Series Underlying Product: Connectivity: 0004 TP4-CLNS/CLNP/LAN Protocols and Profiles: 0090 FTAM/(ACSE)/(Presentation) Underlying Stack: CMS-1100, Version 7R3A, PCR 16961 Underlying Product: 239 FTAM [ISO 8571:1988] {T1, M1, T2, A1} FTAM ACSE [ISO 10607-1:1990] Protocols and Profiles: 0045 MHS-84/(Session) FTAM Presentation [ISO 10607-1:1990] {ASN.1} MHS-84 [X.400:1984] {P2, P1, RTS} ATS Used: ATS:2-16.2,ATS:2-16.6,ATS:2-16.7,ATS:2-16.8,ATS: MHS-84 Session [X.410:1984] 2-16.9,ATS:2-16.10,&ATS:2-16.11 Conformance Lab: 0355 ATS Used: ATS:2-13.5, ATS:2-13.2, ATS:2-13.3 and ATS:2-13.4 Conformance Lab: 0367 Bull HN Conformance Test Center UNISYS - Open Systems Interconnection Laboratory 13430 N Black Canyon Hwy, P.O. Box 8000 P.O. Box 203, 2450 Swedesford Road Phoenix, AZ 85029 Paoli, PA 19301 Product Code/Type: P-007 FTAM Product ID: Product Code/Type: P-007 FTAM Product ID: 231 Supplier: 000126 Supplier: 000001 Bull Information Systems, Inc. Bull Information Systems, Incorporated 13430 North Black Canyon 13430 North Black Canyon Highway Phoenix, AZ 85029 Phoenix, AZ 85029 Contact: Tom Cody Contact: Oscar Hefner Tel: (602) 862-5114 Tel: (602) 862-6001 Fax: (602) 862-6051 FTAMX GOSIP Product: Version/Release: Version 4.0 Release Date: 01-OCT-93 GOSIP Product: **FTAMX** Version/Release: Ver 02.01.06 Additional Info: PROV, GOSIP Version 2/registered Registration: Release Date: 01-AUG-92 Date: 07-MAR-94 Reason for Removal: Additional Info: None PROV, GOSIP Version 1/registered Basis: **BASE** Base Products: n/a Registration: Tested Hardware/Operating System Platforms: 0195 Date: 18-DEC-92 H/W: DPX/20 Models 100, 400, 600, & 800 Reason for Removal: O/S: AIX Version 3 Rasis RASE Claimed Compatibility Hardware/Software Platforms: 0001 Base Products: n/a 0057 Tested Hardware/Operating System Platforms: 0087 Connectivity: DPX/2 200, O/S B.O.S. 2 Session/TP4-CLNS/CLNP/LAN Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: DPX/20 AIX 3 Stack B Version 1 Underlying Product: Connectivity: 0057 Protocols and Profiles: 0090 Session/TP4-CLNS/CLNP/LAN Underlying Stack: LT-610, Bull Information Systems FTAM/(ACSE)/(Presentation) FTAM [ISO 8571:1988] {T1, M1, T2, A1} Underlying Product: FTAM ACSE [ISO 10607-1:1990] Protocols and Profiles: 0052 FTAM Presentation [ISO 10607-1:1990] {ASN.1} FTAM [ISO 8571:1988] {T1, M1} ATS Used: ATS Used: ATS:1-16 Conformance Lab: 0370 ATS:2-16.2,ATS:2-16.6,ATS:2-16.7,ATS:2-16.8,ATS:2-Conformance Expert Center for OSI Bull - CECOB 16.9,ATS:2-16.10,&ATS:2-16.11 Conformance Lab: 0355 1 Rue de Provence, BP 208 Bull HN Conformance Test Center 38432 Echirolles France 13430 N Black Canyon Hwy, P.O. Box 8000 Phoenix, AZ 85029

Product Code/Type: P-007 FTAM Product ID: 90 Supplier: 000036 Data General Corporation 4400 Computer Drive, MS/D216 Westboro, MA 01580 Contact: Charles Stakus Tel: (508) 870-6392 Fax: (508) 898-4694 GOSIP Product: FTAM For AViiON Systems Version/Release: Ver 3.10 Release Date: 01-AUG-92 Additional Info: None Registration: PROV, GOSIP Version 1/registered 13-NOV-92 Date: Reason for Removal: Racic RASE Base Products: n/a Tested Hardware/Operating System Platforms: 0053 AViiON 5000/6000 Series DG/UX System for AViiON Systems Rev. 5.4.1 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0057 Session/TP4-CLNS/CLNP/LAN Underlying Stack: OSI/Platform for AViiON Systems Underlying Product: Protocols and Profiles: 0052 FTAM [ISO 8571:1988] {T1, M1} ATS Used: ATS:1-16 Conformance Lab: 0391 Data General Corporation, OSI Conformance Test Center 4400 Computer Drive, MS/D216 Westborough, MA 01580 Product Code/Type: P-007 FTAM Product ID: 205 000102 Supplier: Data General Corporation 4400 Computer Drive Westboro, MA 01580 Contact: Peter Conway Tel: (508) 898-7176 Fax: (508) 898-4212 GOSIP Product: FTAM for AViiON Systems Version/Release: Version 3.30 Release Date: 01-OCT-93 Additional Info: Registration: PROV, GOSIP Version 2/registered Date: 15-DEC-93 Reason for Removal: Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0240 H/W: AV8500 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 Claimed Compatibility Hardware/Software Platforms: 0241 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, AV8000, AV8500, AV9000 0004 TP4-CLNS/CLNP/LAN Connectivity: Underlying Stack: OSI/Platform for AViiON Systems Underlying Product: Protocols and Profiles: 0079 FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1, M1} FTAM ACSE [ISO 10607-1:1990] FTAM Presentation [ISO 10607-1:1990] (ASN.1) FTAM Session [ISO 10607-1:1990] ATS Used: ATS:2-16.12, ATS:2-16.10, ATS:2-16.11, ATS:2-16.9, ATS:2-16.2, ATS:2-16.6 Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350

McLean, VA 22102-3603

Product Code/Type: P-007 FTAM Product ID: 220 Supplier: 000102 Data General Corporation 4400 Computer Drive Westboro, MA 01580 Peter Conway Contact: Tel: (508) 898-7176 Fax: (508) 898-4212 GOSIP Product: FTAM AVIION Systems Version/Release: Version 3.30 Release Date: 01-OCT-93 Additional Info: Model AV8500 tested. Vendor claims support for other hardware models as listed. PROV, GOSIP Version 2/registered Registration: Date: 08-FEB-94 Reason for Removal: DERIVED Basis: Base Products: Tested Hardware/Operating System Platforms: 0240 H/W: AV8500 O/S: DG/UX System for AViiON Computers, Revision 5.4R2.10 Claimed Compatibility Hardware/Software Platforms: 0241 H/W: AViiON AV500, AV4000, AV5000, AV6000, AV7000, AV8000, AV8500, AV9000 Connectivity: 0069 TP4-CLNS/CLNP/WAN Underlying Stack: OSI Platform for AViiON Systems Underlying Product: Protocols and Profiles: 0079 FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1, M1} FTAM ACSE [ISO 10607-1:1990] FTAM Presentation [ISO 10607-1:1990] {ASN.1} FTAM Session [ISO 10607-1:1990] ATS:2-16.2 ATS Used: Conformance Lab: 0364 CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-007 FTAM Product ID: 130 Supplier: 000005 Digital Equipment Corp 550 King Street Littleton, MA 01460-1289 Richard Duhamel Contact: Tel: (508) 486-5021 Fax: (508) 486-7417 Email: duhamel@woof.enet.dec.com GOSIP Product: DECnet/OSI for OpenVMS Version/Release: Ver V5.5 Release Date: 09-NOV-92 Additional Info: None PROV, GOSIP Version 1/registered Registration: Date: 13-JAN-93 Reason for Removal: Base Products: DERIVED Basis: Tested Hardware/Operating System Platforms: 0114 Digital VAX VMS Ver 5.5 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0057 Session/TP4-CLNS/CLNP/LAN Underlying Stack: DECNet - OSI for Open VMS VAX Ver 5.5/VOTS Ver 3.0A Underlying Product: Protocols and Profiles: 0057 FTAM [ISO 8571:1988] {T1} Simple File Transfer Protocol ATS Used: ATS:1-16 Conformance Lab: 0362 Digital Equipment Corporation, OSI Conformance Interoperability Test Center 550 King Street, MS LKG2A/R5

Littleton, MA 01460-1289

Supplier:

Product Code/Type: P-007 FTAM Product ID:

Digital Equipment Corporation

Reading RG2 OTU England

P.O. Box 121, Worton Grange Imperial Way

000134

241

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Product Code/Type: P-007 FTAM Product ID:

550 King Street

Digital Equipment Corp

Littleton, MA 01460-1289

000005

Supplier:

Contact: Richard Duhamel Contact: David Wiltshire Fax: (508) 486-7417 Tel: (508) 486-5021 Tel: +44 734 20 6465 Fax: +44 734 20 4222 GOSIP Product: DECnet/OSI for DEC OSF/1 AXP Email: wiltshire@naccee.enet.dec.com Release Date: 14-MAR-94 Version/Release: version 2.0 GOSIP Product: Common FTAM for DECnet/OSI OpenVMS VAX Additional Info: Minimum memory configuration is 32 MB and Release Date: 21-JAN-94 Version/Release: Version 3.1 PROV, GOSIP Version 2/registered minimum disk space requirement is 680 MB. Registration: Registration: PROV, GOSIP Version 2/registered Date: Reason for Removal: 27-JUN-94 Base Products: N/A Date: 01-AUG-94 Reason for Removal: Basis: **BASE** Basis: BASE Base Products: N/A Tested Hardware/Operating System Platforms: 0223 H/W: VAXserver 3600 O/S: OpenVMS VAX Operating System V6.(Tested Hardware/Operating System Platforms: 0221 DEC 3000 Model 500 AXP Workstation Claimed Compatibility Hardware/Software Platforms: 0224 DEC OSF/1 Operating System, Version 2.0 Processors Not Supported: MicroVAX I, VAXstation I, Claimed Compatibility Hardware/Software Platforms: 0222 VAX-11/725, VAX-II/782, and VAXstation 8000 DEC 3000 Series Workstations and Servers; DEC 2000 Model 300 All other VAX are supported AXP Workstation; DEC 4000 Model 610 AXP System; DEC 7000 0004 TP4-CLNS/CLNP/LAN Connectivity: Model 610 AXP System; DEC 10000 Model 610 AXP System Underlying Stack: DECnet/OSI V5.7 for Open VMS VAX/Ethernet Controller Card: DESQA-SA; AUI Cable: Connectivity: 0122 TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3}/10Base2 BNE4D-02; 10Base2 Adapter: DESTA Underlying Stack: DECnet/OSI V2.0 for DEC OSF/1 AXP Underlying Product: 240 Underlying Product: 243 Protocols and Profiles: 0092 FTAM/(ACSE)/(PRESENTATION)/(SESSION); FTAM [ISO Protocols and Profiles: 0092 FTAM/(ACSE)/(PRESENTATION)/(SESSION); FTAM [ISO 8571:1988] {T1, M1, R&R}; FTAM ACSE [ISO 10607-1:1990]; FTAM PRESENTATION [ISO 10607-1:1990] {ASN:1}; FTAM 8571:1988] {T1, M1, R&R}; FTAM ACSE [ISO 10607-1:1990]; FTAM PRESENTATION [ISO 10607-1:1990] {ASN.1}; FTAM SESSION [ISO 10607-1:1990] ATS Used: ATS:2-16.2,ATS:2-16.3,ATS:2-16.6,ATS:2-16.9,ATS:2-16.10, SESSION [ISO 10607-1:1990] ATS:2-16.2,ATS:2-16.3,ATS:2-16.6,ATS:2-16.9,ATS:2-16. ATS:2-16.11,&ATS:2-16.12 ATS Used: 10, ATS:2-16.11 & ATS:2-16.12 Conformance Lab: 0357 Conformance Lab: 0357 National Computing Centre Limited Oxford Road National Computing Centre Limited Manchester M17ED United Kingdom Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-007 FTAM Product ID: 63 000040 Product Code/Type: P-007 FTAM Product ID: 53 Supplier: 000044 Encore Computing Corporation Supplier: 6901 West Sunrise Boulevard Digital Equipment Corporation 550 King Street Ft. Lauderdale, FL 33313-4499 Littleton, MA 01460-1289 Contact: Augie Gonzales Tel: (305) 587-2900 Ladan Porooshani Fax: (305) 797-5807 Contact: Tel: (508) 486-7123 GOSIP Product: EnComm FTAM Version/Release: Ver 2.0.1 Release Date: 01-SEP-92 **GOSIP Product:** DECNET-VAX (TM) Extensions Ver 5.4A/VAX FTAM Ver 2.0A Version/Release: Ver 2.0A Additional Info: None PROV, GOSIP Version 1/registered Additional Info: None Release Date: 01-MAR-92 Registration: Reason for Removal: PROV, GOSIP Version 1/registered Date: 23-SEP-92 Registration: Base Products: n/a Date: 16-AUG-92 Reason for Removal: Basis: BASE Tested Hardware/Operating System Platforms: 0067 Basis: BASE Base Products: n/a H/W: Encore Infinity 90 Series GPIO I Tested Hardware/Operating System Platforms: 0065 Digital VAX with VMS V5.4 and DECNET-VAX V5.4 Extensions O/S: UMAX Ver. 3.0.7 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0004 TP4-CLNS/CLNP/LAN 0004 TP4-CLNS/CLNP/LAN Connectivity: Underlying Stack: Encore Infininty 90 Series GPIO I Underlying Stack: DECNet-OSI for OpenVMS VAX V5.5/VOTSV3.0A Protocols and Profiles: 0029 Underlying Product: Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session); FTAM [ISO 8571:1988] FTAM [ISO 8571:1988] {T1} {T1}; FTAM ACSE [ISO 8650:1988]; FTAM Presentation [ISO FTAM ACSE [ISO 8650:1988] 8823:1988]; FTAM Session [ISO 8327:1987] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] ATS Used: ATS:1-16 ATS Used: ATS:1-16 Conformance Lab: 0364 Conformance Lab: 0362 CDA, Incorporated 8301 Greensboro Drive, #350 Digital Equipment Corporation, OSI Conformance McLean, VA 22102-3603 Interoperability Test Center 550 King Street, MS LKG2A/R5 Littleton, MA 01460-1289

Product Code/Type: P-007 FTAM Product ID: 32 000018 Supplier: Supplier: Hewlett-Packard Company 19420 Homestead Road Via Paolo Di Dono 44 Cupertino, CA 95014-9810 00143 Rome Italy Murali Subbarao Alberto Sinibaldi Contact: Contact: Tel: (408) 447-2822 Fax: (408) 447-3660 Tel: 39 6 5966-2281 GOSIP Product: HP FTAM/9000 Series 800 GOSIP Product: Version/Release: Ver C.02.03 Release Date: 10-JUN-91 Additional Info: None Registration: PROV, GOSIP Version 1/registered Date: 30-JAN-92 Reason for Removal: Basis. **BASE** Base Products: n/a Registration: Tested Hardware/Operating System Platforms: 0047 Date: 24-JUN-93 HP9000 Series 800 computers which support LAN/9000 link Basis: **BASE** product; HP-UX Operating System, Version 8.0 Claimed Compatibility Hardware/Software Platforms: 0001 0004 TP4-CLNS/CLNP/LAN Connectivity: Underlying Stack: Unknown. Documentation was not retained. Connectivity: Underlying Product: Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) Underlying Product: FTAM [ISO 8571:1988] {T1} Protocols and Profiles: 0029 FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM [ISO 8571:1988] {T1} FTAM Session [ISO 8327:1987] FTAM ACSE [ISO 8650:1988] ATS:1-16 Conformance Lab: 0365 FTAM Session [ISO 8327:1987] Hewlett-Packard Company, OSI Conformance Test Center ATS Used: ATS:1-16 19420 Homestead Road, MS 43UJ Conformance Lab: Cupertino, CA 95014-9810 Via Paolo Di Dono 44 00143 Rome Italy Product Code/Type: P-007 FTAM Product ID: 135 Supplier: IBM Rome Networking Systems Laboratory Supplier: 000085 Via Paolo Di Dono 44 00143 Rome Italy Via Paolo Di Dono 44 Alberto Sinibaldi 00143 Rome Italy Contact: Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Contact: Alberto Sinibaldi Email: Sinibald@romeppc.vnet.ibm.com Tel: 39 6 5966-2281 GOSIP Product: IBM AIX OSI MESSAGING AND FILING / 6000 Version/Release: Ver 1 GOSIP Product: Release Date: 01-DEC-90 Additional Info: None Registration: PROV, GOSIP Version 1/registered 25-FEB-93 Date: Registration: Reason for Removal: 13-JAN-94 Date: Basis: BASE Basis: BASE Base Products: n/a Tested Hardware/Operating System Platforms: 0123 IBM AIX/6000, Ver 3.1.5, O/S RISC System 6000 Claimed Compatibility Hardware/Software Platforms: 0001 0058 TP0/WAN Connectivity: Connectivity: 0004 TP4-CLNS/CLNP/LAN Underlying Stack: None Underlying Product: Protocols and Profiles: 0029 Underlying Product: FTAM/(ACSE)/(Presentation)/(Session) Protocols and Profiles: 0029 FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] ATS Used: ATS:1-16 ATS:1-16 Conformance Lab: 0392 Conformance Lab: 0392 Via Paolo Di Dono 44 IBM Rome Networking Systems Laboratory

Via Paolo Di Dono 44

00143 Rome Italy

Product Code/Type: P-007 FTAM Product ID: 166 IBM Rome Networking Systems Laboratory Fax: 39 6 5966-2467 Email: Sinibald@romeppc.vnet.ibm.com IBM OSI/File Services Release Date: 01-JUN-90 Version/Release: Version 1 Release 1 Additional Info: Must be used with OSI/Communications Subsystem Version 1 Release 1.1, 01-DEC-90 PROV, GOSIP Version 1/registered Reason for Removal: Base Products: n/a Tested Hardware/Operating System Platforms: 0036 H/W: IBM System 390 O/S: IBM MVS/ESA Ver 3 Rel 1 Claimed Compatibility Hardware/Software Platforms: 0001 0081 TP4-CONS/WAN Underlying Stack: IBM OSI/Communications Subsystem V1R1.1 IBM X.25 NCP Packet Switching Interface V3R4 FTAM/(ACSE)/(Presentation)/(Session) FTAM Presentation [ISO 8823:1988] IBM Rome Networking Systems Laboratory Product Code/Type: P-007 FTAM Product ID: 215 IBM Rome Networking Systems Laboratory Fax: 39 6 5966-2467 Email: Sinibald@romeppc.vnet.ibm.com OSI File Services/400 Version/Release: Version 2 Release 3 Release Date: 01-DEC-93 Additional Info: Must be used with OSI Communications Subsystem/400, Version 2 Release 3, December 1993 PROV, GOSIP Version 1/registered Reason for Removal: Base Products: n/a Tested Hardware/Operating System Platforms: 0179 H/W: AS/400 O/S: OS/400 Version 2 Release 3 Claimed Compatibility Hardware/Software Platforms: 0001 Underlying Stack: OSI Communications Subsystem/400, Version 2 Release 3, December 1993 and AS/400 X.25 Communication Support, Version 2 Release 3, GOSIP Product ID: 183 FTAM/(ACSE)/(Presentation)/(Session); FTAM [ISO 8571:1988] {T1}; FTAM ACSE [ISO 8650:1988]; FTAM Presentation [ISO 8823:1988]; FTAM Session [ISO 8327:1987] IBM Rome Networking Systems Laboratory

00143 Rome Italy

Product Code/Type: P-007 FTAM Product ID: Product Code/Type: P-007 FTAM Product ID: 257 000085 Supplier: 000039 Supplier: Novell Incorporated IBM Rome Networking Systems Laboratory Via Paolo Di Dono 44 2180 Fortune Drive 00143 Rome Italy San Jose, CA 95131 Contact: Alberto Sinibaldi Contact: Jan Provan Tel: 39 6 5966-2281 Fax: 39 6 5966-2467 Tel: (408) 473-8422 Fax: (408) 433-9827 Email: Sinibald@romeppc.vnet.ibm.com GOSIP Product: **NETWARE FTAM** Version/Release: Ver 1.2 Rev B Release Date: 20-APR-92 GOSIP Product: IBM AIX OSI Services/6000 Version/Release: Version 1 Release 1 Release Date: 01-APR-94 Additional Info: None Additional Info: None PROV, GOSIP Version 1/registered Registration: Reason for Removal: Registration: PROV, GOSIP Version 2/registered Date: 24-JUN-92 01-AUG-94 Reason for Removal: Base Products: n/a Date: Basis: BASE Basis: DERIVED Base Products: 232 Tested Hardware/Operating System Platforms: 0057 Tested Hardware/Operating System Platforms: 0238 FTAM Initiator Hub and Responder AST Premium 386/33; H/W: IBM RISC/6000 Model 32H Netware 3.11; Novell Ethernet Card; FTAM Initiator Executable O/S: IBM AIX/6000 Version 3.2.4 AST Premium 386/33; DOS 3.3; Novell NE2000 Ethernet Card Claimed Compatibility Hardware/Software Platforms: 0239 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: IBM RISC/6000 Models 2xx, 3xx, 5xx and 9xx 0004 TP4-CLNS/CLNP/LAN Connectivity: O/S: IBM AIX/6000 Version 3 Underlying Stack: Unknown. Documentation was not retained. 0057 Session/TP4-CLNS/CLNP/LAN Connectivity: Underlying Product: Underlying Stack: IBM AIX/6000 Version 3.2.4 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) Underlying Product: 258 Protocols and Profiles: 0096 FTAM [ISO 8571:1988] {T1} FTAM/(ACSE)/(Presentation); FTAM [ISO 8571:1988] {T1}; FTAM ACSE [ISO 8650:1988] FTAM ACSE [ISO 10607-1:1990]; FTAM Presentation [ISO FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] 10607-1:1990] ATS:2-16.2,ATS:2-16.6,ATS:2-16.7,ATS:2-16.8, ATS Used: ATS:1-16 ATS:2-16.9, ATS:2-16.10 & ATS:2-16.11 Conformance Lab: 0357 National Computing Centre Limited Conformance Lab: 0392 IBM Rome Networking Systems Laboratory Oxford Road Via Paolo Di Dono 44 Manchester M17ED United Kingdom 00143 Rome Italy Product Code/Type: P-007 FTAM Product ID: 126 Product Code/Type: P-007 FTAM Product ID: 52 000057 Supplier: 000043 Supplier: Retix NCR 9900 Old Grove Road 2401 Colorado Avenue Santa Monica, CA 90404 San Diego, CA 92131 Contact: Jeff Stone Wendy Morrison Contact: Tel: (619) 693-5665 Fax: (619) 693-5705 Tel: (310) 828-3400 Fax: (310) 828-2255 GOSIP Product: NCR OSI STAR PRO FTAM GOSIP Product: Version/Release: Ver 2.00.00 Release Date: 01-JUL-92 Retix FTAM Model FT-820 Additional Info: None Version/Release: Ver 1.80 PROV, GOSIP Version 1/registered Release Date: 01-OCT-92 Registration: Date: 07-AUG-92 Reason for Removal: Additional Info: None Base Products: n/a PROV, GOSIP Version 1/registered Basis: **BASE** Registration: 21-JAN-93 Tested Hardware/Operating System Platforms: 0063 Date: H/W: NCR System 3000 consisting of the following hardware Reason for Removal: models: 3320, 3340, 3345, 3447, 3450, 3550 and 3600 **BASE** Basis: O/S: NCR UNIX SVR4, (MP-RAS), Rel 2 Base Products: n/a Tested Hardware/Operating System Platforms: 0111 Claimed Compatibility Hardware/Software Platforms: 0001 0004 TP4-CLNS/CLNP/LAN Intel 486 Alpha Systems Lab Connectivity: UNIX System V Rel 3.2 Underlying Stack: Product ID# 51: NCR UNIX OSI Network Claimed Compatibility Hardware/Software Platforms: 0001 Services, Ver 2.00.02 0057 Underlying Product: Connectivity: Session/TP4-CLNS/CLNP/LAN Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) Underlying Stack: Retix LT-610 Underlying Product: FTAM [ISO 8571:1988] {T1} Protocols and Profiles: 0057 FTAM [ISO 8571:1988] (T1) Simple File Transfer Protocol FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] ATS Used: ATS:1-16 FTAM Session [ISO 8327:1987] Conformance Lab: 0357 National Computing Centre Limited ATS Used: ATS:1-16 Oxford Road Conformance Lab: 0363 Manchester M17ED United Kingdom Corporation for Open Systems International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Product Code/Type: P-007 FTAM Product ID: 134 Product Code/Type: P-007 FTAM Product ID: 261 000057 Supplier: 000000 Supplier: SUN MicroSystems, Inc. Retix 2401 Colorado Avenue 32 Chemin du Vieux Chene Santa Monica, CA 90404 Meylan F-38240 France Willy-Francois Poulet Contact: Teff Stone Contact: Tel: (310) 828-3400 Fax: (310) 828-2255 Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 GOSIP Product: Retix FTAM FT-820 GOSIP Product: SunLink FTAM Version/Release: Ver 1.80 Release Date: 01-APR-94 Release Date: 01-OCT-92 Version/Release: Version 8.0.1 Additional Info: None PROV, GOSIP Version 2/registered Registration: PROV, GOSIP Version 1/registered Registration: Date: 07-JUN-94 Reason for Removal: Date: 01-FEB-92 Reason for Removal: Basis: BASE Base Products: N/A Base Products: n/a Basis: BASE Tested Hardware/Operating System Platforms: 0217 Tested Hardware/Operating System Platforms: 0122 H/W: SPARCstation Model 41 O/S: Solaris 2.1 Tatung (Intel 386), O/S UNIX System V Rel 3.2 (SCO Ver 4.0) Claimed Compatibility Hardware/Software Platforms: 0218 Claimed Compatibility Hardware/Software Platforms: 0001 H/W: All Sun SPARC Hardware Connectivity: 0069 Connectivity: 0004 TP4-CLNS/CLNP/LAN TP4-CLNS/CLNP/WAN Underlying Stack: SunLink OSI 8.0 Underlying Product: 142 Underlying Stack: Retix LT-610 Underlying Product: Protocols and Profiles: 0079 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1, M1} FTAM ACSE [ISO 10607-1:1990] FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 10607-1:1990] (ASN.1) FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 10607-1:1990] FTAM Session [ISO 8327:1987] ATS Used: ATS:2-16, ATS:2-16.9, ATS:2-16.10, ATS:2-16.11, ATS:1-16 ATS:2-16.12 ATS Used: Conformance Lab: 0357 and ATS:2-16.13 Conformance Lab: 0357 National Computing Centre Limited Oxford Road National Computing Centre Limited Manchester M17ED United Kingdom Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-007 FTAM Product ID: 260 000000 Supplier: Product Code/Type: P-007 FTAM Product ID: 262 SUN MicroSystems, Inc. Supplier: 000099 SUN MicroSystems, Inc. 32 Chemin du Vieux Chene Meylan F-38240 France 32 Chemin du Vieux Chene Meylan F-38240 France Willy-Francois Poulet Contact: Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 Willy-Francois Poulet Contact: GOSIP Product: SunLink FTAM Tel: +33 76 41 42 43 Fax: +33 76 41 42 41 GOSIP Product: Version/Release: Version 8.0.1 Release Date: 01-APR-94 SunLink FTAM Version/Release: Version 8.0.1 Release Date: 01-APR-94 Additional Info: None PROV, GOSIP Version 2/registered Registration: Additional Info: None Date: 07-JUN-94 Reason for Removal: Registration: PROV. GOSIP Version 2/registered **DERIVED** Base Products: 187 Date: 07-JUN-94 Reason for Removal: Base Products: 187 Tested Hardware/Operating System Platforms: 0217 Basis: DERIVED Tested Hardware/Operating System Platforms: 0217 H/W: SPARCstation Model 41 O/S: Solaris 2.1 O/S: Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0218 H/W: SPARCstation Model 41 H/W: All Sun SPARC Hardware Claimed Compatibility Hardware/Software Platforms: 0218 Connectivity: 0117 H/W: All Sun SPARC Hardware TPO/CONS/WAN 0069 TP4-CLNS/CLNP/WAN Connectivity: Underlying Stack: SunLink OSI 8.0, SunLink X.25 8.0 Underlying Stack: SunLink OSI 8.0, SunLink X.25 8.0 Underlying Product: 142 and 152 Underlying Product: 142 and 152 Protocols and Profiles: 0079 Protocols and Profiles: 0079 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1, M1} FTAM [ISO 8571:1988] {T1, M1} FTAM ACSE [ISO 10607-1:1990] FTAM ACSE [ISO 10607-1:1990] FTAM Presentation [ISO 10607-1:1990] (ASN.1) FTAM Presentation [ISO 10607-1:1990] {ASN.1} FTAM Session [ISO 10607-1:1990] FTAM Session [ISO 10607-1:1990] ATS Used: ATS:2-16, ATS:2-16.9, ATS:2-16.10, ATS:2-16.11, ATS:2-16, ATS:2-16.9, ATS:2-16.10, ATS:2-16.11, ATS:2-16.12, ATS Used: and ATS:2-16.13 ATS:2-16.12 and ATS:2-16.13 Conformance Lab: 0357 National Computing Centre Limited Conformance Lab: 0357 Oxford Road National Computing Centre Limited Manchester M17ED United Kingdom Oxford Road

Manchester M17ED United Kingdom

Product Code/Type: P-007 FTAM Product ID: 68 Product Code/Type: P-007 FTAM Product ID: Supplier: 000050 Supplier: 000055 SUN MicroSystems, Inc. International Centre for SUN Microsystems Federal, Incorporated Network Computing 2650 Park Tower Drive, Suite 500 32 Rue du Vieux Chene Vienna, VA 22180-7306 F-38240 Mevlan France Michael Barnes Contact: Tom Hull Contact: Tel: (703) 204-4100 Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 GOSIP Product: SUNLink OSI FTAM SUNNET OSI FTAM GOSIP Product: Version/Release: Ver 8.0 Version/Release: Ver 7.1 Release Date: 04-AUG-92 Release Date: 01-OCT-92 Additional Info: None Additional Info: None Registration: PROV, GOSIP Version 1/registered Registration: PROV, GOSIP Version 1/registered Date: 04-JAN-93 Date: 14-OCT-92 Reason for Removal: Reason for Removal: Basis: BASE Basis: BASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0094 Tested Hardware/Operating System Platforms: 0075 H/W: SPARCstation 4/30 Sun 4 O/S: Solaris 2.1 SunOS 4.0.3, 4.1, 4.1.1, 4.1.2 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 0004 Connectivity: TP4-CLNS/CLNP/LAN TP4-CLNS/CLNP/LAN Underlying Stack: SUNLink OSI 8.0 Underlying Product: Underlying Stack: SUNNet OSI 7.0 Underlying Product: Protocols and Profiles: 0029 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1} FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] FTAM Session [ISO 8327:1987] ATS Used: ATS:1-16 Conformance Lab: 0364 ATS Used: ATS:1-16 Conformance Lab: 0357 National Computing Centre Limited Oxford Road Manchester M17ED United Kingdom Product Code/Type: P-007 FTAM Product ID: Supplier: 000055 86 000050 Supplier: SUN MicroSystems, Inc. International Centre for Network Computing 32 Rue du Vieux Chene Michael Barnes Contact: F-38240 Meylan France GOSIP Product: Contact: Tom Hull Tel: +33 76 41 42 18 Fax: +33 76 41 42 41 Version/Release: Ver 8.0 GOSIP Product: SUNNET OSI FTAM Additional Info: None Version/Release: Ver 7.1 Registration: Release Date: 01-OCT-92 Date: 04-JAN-93 Additional Info: None BASE Basis: PROV, GOSIP Version 1/registered Registration: Date: 25-NOV-92 Reason for Removal: O/S: Solaris 2.1 DERIVED Basis: Base Products: Connectivity: 0004 Tested Hardware/Operating System Platforms: 0075 SunOS 4.0.3, 4.1, 4.1.1, 4.1.2 Claimed Compatibility Hardware/Software Platforms: 0001 Protocols and Profiles: 0029 0058 Connectivity: TP0/WAN Underlying Stack: SUNNet X.25 Underlying Product: Protocols and Profiles: 0057 FTAM [ISO 8571:1988] {T1} Simple File Transfer Protocol ATS:1-16 ATS:1-16 ATS Used: ATS Used: Conformance Lab: 0357 Conformance Lab: 0364 National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603 Product Code/Type: P-007 FTAM Product ID: 157 SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Fax: (703) 204-4782 Tel: (703) 204-4100 SUNLink OSI FTAM Release Date: 04-AUG-93 PROV, GOSIP Version 1/registered Reason for Removal: Base Products: n/a Tested Hardware/Operating System Platforms: 0095 H/W: SPARCstation 10 Model 30 Claimed Compatibility Hardware/Software Platforms: 0001 TP4-CLNS/CLNP/LAN Underlying Stack: SUNLink 8.0 Underlying Product: FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] CDA, Incorporated 8301 Greensboro Drive, #350 McLean, VA 22102-3603

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Fax: (703) 204-4782

Product Code/Type: P-007 FTAM Product ID: 158 Product Code/Type: P-007 FTAM Product ID: 000055 Supplier: Supplier: 000055 SUN Microsystems Federal, Incorporated SUN Microsystems Federal, Incorporated 2650 Park Tower Drive, Suite 500 2650 Park Tower Drive, Suite 500 Vienna, VA 22180-7306 Vienna, VA 22180-7306 Michael Barnes Contact: Contact: Michael Barnes Tel: (703) 204-4100 Fax: (703) 204-4782 Tel: (703) 204-4100 Fax: (703) 204-4782 GOSIP Product: SUNLink OSI FTAM GOSIP Product: SUNLink OSI FTAM Version/Release: ver 8.0 Version/Release: Ver 8.0 Release Date: 04-AUG-93 Release Date: 04-AUG-93 Additional Info: None Additional Info: None Registration: PROV, GOSIP Version 1/registered Registration: PROV, GOSIP Version 1/registered 04-JAN-93 Date: Date: 04-JAN-93 Reason for Removal: Reason for Removal: Basis: **BASE** Racis. BASE Base Products: n/a Base Products: n/a Tested Hardware/Operating System Platforms: 0093 Tested Hardware/Operating System Platforms: 0096 H/W: SPARCstation 10 Model 41 RDI BrightLite IPX Color Laptop Workstation O/S: Solaris 2.1 Solaris 2.1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 Connectivity: 0004 TP4-CLNS/CLNP/LAN TP4-CLNS/CLNP/LAN Underlying Stack: SUNLink OSI 8.0 Underlying Product: Underlying Stack: SUNLink OSI 8.0 Underlying Product: Protocols and Profiles: 0029 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1} FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] FTAM Session [ISO 8327:1987] ATS Used: ATS:1-16 ATS Used: ATS:1-16 Conformance Lab: 0364 Conformance Lab: 0364 CDA, Incorporated CDA, Incorporated 8301 Greensboro Drive, #350 8301 Greensboro Drive, #350 McLean, VA 22102-3603 McLean, VA 22102-3603 Product Code/Type: P-007 FTAM Product ID: 159 Product Code/Type: P-007 FTAM Product ID: 60 Supplier: 000055 000048 Supplier: SUN Microsystems Federal, Incorporated UNISYS Corporation 2650 Park Tower Drive, Suite 500 2450 Swedesford Road Vienna, VA 22180-7306 Paoli, PA 19301 Ed Kelly Contact: Michael Barnes Contact: Tel: (703) 204-4100 Fax: (703) 204-4782 Tel: (215) 993-7208 GOSIP Product: SUNLink OSI FTAM GOSIP Product: OSI-FTAM Version/Release: Rel 2R1A Version/Release: Ver 8.0 Release Date: 03-MAY-92 Release Date: 04-AUG-93 Additional Info: None Additional Info: None Registration: PROV, GOSIP Version 1/registered Registration: PROV, GOSIP Version 1/registered Date: 04-JAN-93 Reason for Removal: Date: 10-SEP-92 Reason for Removal: Base Products: n/a Base Products: n/a Basis: BASE Basis: BASE Tested Hardware/Operating System Platforms: 0069 Tested Hardware/Operating System Platforms: 0092 H/W: SPARCstation 10 Model 42 1100/90 and all 2000 Series Systems OS1100 Release 43R1 DCP-15 through DCP-55, DCP/OS Ver 5R2A/TELCON Ver O/S: Solaris 2.1 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Connectivity: 0004 Claimed Compatibility Hardware/Software Platforms: 0001 TP4-CLNS/CLNP/LAN 0004 TP4-CLNS/CLNP/LAN Connectivity: Underlying Stack: CMS 1000 7R2B PLS PCR 15312 Underlying Stack: SUNLink OSI 8.0 Underlying Product: Protocols and Profiles: 0029 Underlying Product: FTAM/(ACSE)/(Presentation)/(Session) Protocols and Profiles: 0029 FTAM [ISO 8571:1988] {T1} FTAM/(ACSE)/(Presentation)/(Session) FTAM ACSE [ISO 8650:1988] FTAM [ISO 8571:1988] {T1} FTAM Presentation [ISO 8823:1988] FTAM ACSE [ISO 8650:1988] FTAM Session [ISO 8327:1987] FTAM Presentation [ISO 8823:1988] ATS Used: FTAM Session [ISO 8327:1987] ATS:1-16 ATS:1-16 Conformance Lab: 0364 ATS Used: CDA, Incorporated Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory 8301 Greensboro Drive, #350

McLean, VA 22102-3603

P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

Product Code/Type: P-007 FTAM Product ID: Product Code/Type: P-007 FTAM Product ID: 75 146 Supplier: 000047 Supplier: 000060 UNISYS Corporation **UNISYS** Corporation 8008 Westbrook Drive 8008 West Park Drive McLean, VA 22102 McLean, VA 22102 Contact: Keith Fretz Contact: Dale Pluta Tel: (703) 556-5665 Fax: (703) 556-5172 Tel: (703) 556-5682 Fax: (703) 556-5172 GOSIP Product. OSI-FTAM GOSIP Product: A-Series OSI FTAM Version/Release: Rel 2R1A Version/Release: Ver 40.400.0008 Release Date: 03-MAY-92 Release Date: 16-NOV-92 Additional Info: None Additional Info: In conjunction with A-Series/CP2000 OSI-IPC Ver PROV, GOSIP Version 1/registered Registration: 30.00.199, Rel 11-Dec-92 Date: 16-OCT-92 Registration: PROV, GOSIP Version 1/registered Reason for Removal: Date: 13-APR-93 Reason for Removal: **DERIVED** Base Products: n/a Basis: Basis: **BASE** Base Products: Tested Hardware/Operating System Platforms: 0138 Tested Hardware/Operating System Platforms: 0080 A-Series System Ver 4.0 1100/90 and all 2000 Series Systems, OS1100, Release 43R1 Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0004 Connectivity: Connectivity: 0069 TP4-CLNS/CLNP/LAN TP4-CLNS/CLNP/WAN Underlying Stack: A-Series/CP2000 OSI-IPC Ver 30.00.199 11-DEC-92 Underlying Stack: CP 2000 X.25 Underlying Product: Underlying Product: Protocols and Profiles: 0029 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1} FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Presentation [ISO 8823:1988] FTAM Session [ISO 8327:1987] FTAM Session [ISO 8327:1987] ATS Used: ATS:1-16 ATS Used: ATS:1-16 Conformance Lab: 0367 Conformance Lab: 0367 UNISYS - Open Systems Interconnection Laboratory UNISYS - Open Systems Interconnection Laboratory P.O. Box 203, 2450 Swedesford Road P.O. Box 203, 2450 Swedesford Road Paoli, PA 19301 Paoli, PA 19301 Product Code/Type: P-007 FTAM Product ID: 80 Product Code/Type: P-007 FTAM Product ID: 150 Supplier: 000048 Supplier: 000060 **UNISYS** Corporation UNISYS Corporation 8008 West Park Drive 2450 Swedesford Road Paoli, PA 19301 McLean, VA 22102 Ed Kelly Dale Pluta Contact: Contact: Tel: (215) 993-7208 Tel: (703) 556-5682 Fax: (703) 556-5172 A-Series OSI-FTAM Product 115/P7.1a GOSIP Product: GOSIP Product: OSI-FTAM Version/Release: Rel 2R1A Version/Release: Ver 40.400.0008 Release Date: 16-NOV-92 Release Date: 03-MAY-92 Additional Info: None Additional Info: Session Layer is not registered at the request of the Registration: PROV, GOSIP Version 1/registered vendor UNISYS PROV, GOSIP Version 1/registered Date: 01-SFP-92 Reason for Removal: Registration: Reason for Removal: Basis: BASE Base Products: n/a Date: 06-MAY-93 Tested Hardware/Operating System Platforms: 0069 DERIVED Base Products: Tested Hardware/Operating System Platforms: 0138 1100/90 and all 2000 Series Systems OS1100 Release 43R1 DCP-15 through DCP-55, DCP/OS Ver 5R2A/TELCON Ver A-Series System Ver 4.0 9R1A Claimed Compatibility Hardware/Software Platforms: 0001 Claimed Compatibility Hardware/Software Platforms: 0001 0081 Connectivity: 0004 Connectivity: TP4-CLNS/CLNP/LAN TP4-CONS/WAN Underlying Stack: Unisys Product 113/P4.2 Underlying Product: Underlying Stack: DCP OSITS Underlying Product: Protocols and Profiles: 0028 Protocols and Profiles: 0029 FTAM/(ACSE)/(Presentation)/(Session) FTAM/(ACSE)/(Presentation) FTAM [ISO 8571:1988] {T1} FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM Presentation [ISO 8823:1988] ATS-16 FTAM Session [ISO 8327:1987] ATS Used: Conformance Lab: 0367 ATS Used: ATS:1-16 UNISYS - Open Systems Interconnection Laboratory Conformance Lab: 0367 P.O. Box 203, 2450 Swedesford Road UNISYS - Open Systems Interconnection Laboratory

P.O. Box 203, 2450 Swedesford Road

Paoli, PA 19301

Paoli, PA 19301

5.4.4 REGISTER OF GOSIP INTEROPERABILITY TEST SUITES

Test Suites for the GOSIP Interoperability Testing provisions are listed here. Entries on this register are Provisional, valid until December 31, 1994.

ITS-1 X.400

OSINET, Message Handling Systems Interoperability Tests, Version 1, Edition 2, September 1990, available from: OSINET Corporation, 1750 Old Meadow Road Suite 400, McLean, VA 22102, Tel. (703) 883-2797

ITS-2 FTAM

OSINET, File Transfer, Access and Management Interoperability Tests, Version 1, Edition 2, June 1990, available from: OSINET Corporation, 1750 Old Meadow Road Suite 400, McLean, VA 22102, Tel. (703) 883-2797

5.4.5 REGISTER OF GOSIP INTEROPERABILITY TEST AND REGISTRATION SERVICES

Interoperability Test and Registration Services which meet the GOSIP Interoperability Testing provisions are listed here. Entries on this register are Provisional.

ITRS-1 OSINET

c/o Corporation for Open Systems International 1750 Old Meadow Road Suite 400, McLean, VA 22102 Tel: (703) 883-2797

ITRS-2 Process to Support Interoperability (PSI)

SPAG, PSI Operator, SPAGsa

Avenue Louise 165, Box 6,B-1050 Brussels, Belgium

Tel. 32 2 645 7811

Fax. 32 2 645 0879

5.4.6 REGISTER OF GOSIP MEANS OF TESTING GOSIP VERSION 1

Means of Testing (MOT) for the GOSIP program of conformance testing are listed here. These MOTS relate to the protocols identified in FIPS 146 GOSIP Version 1. For further details of each MOT listed, please contact the named supplier. Entries on this register are provisional, and are listed in the register as valid until March 30, 1992. However, at the direction of NIST, and in order to accomplish the transition to GOSIP Version 2, the validity of the GOSIP Version 1 MOT registrations has been extended indefinitely. Each GOSIP Version 1 MOT that is currently in the register will remain here until either of the following events occur: (1) the vendor withdraws the MOT from registration, or (2) NIST directs the further deregistration of GOSIP Version 2 MOT.

M-001 WAN TEST SYTEMS

NOTE: Wide area test systems registered under GOSIP Version 1 were deleted from the register as of March 14, 1993.

M-002 LAN TEST SYSTEMS

NOTE: Local area test systems registered under GOSIP Version 1 and not related to FTAM or MHS were deleted from the register as of March 14, 1993.

M-002 LAN

Supplier: Corporation for Open Systems

International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Contact: Andrea Reitzel

Tel: (703) 205-2809 Fax: (703) 846-8590

Test System Name, Release and Date:

COS 802.2 /802.3 10Base5 Layer 2 Test System

Ver 1.4

01-DEC-90

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0018

MS-DOS 3.1, IBM PC/AT Compatible

HP 4972A LAN Protocol Analyzer with RS-232C Option, Ver

B.04.01

HP 8568B Signal Generator

HP 8770A Arbitrary Waveform Synthesizer

HP 16500A Logic Analyzer

Base/Derived: UPDATE

From MOT ID:

Connectivity: 0027

PLS{802.3}/10Base5

Underlying Stack:

Protocols and Profiles: 0031

LLC1 [ISO 8802-2]/MAC [ISO 8802-3]

Date Registered: 21-JUL-92

Type of Registration and Expiration Date:

PROV, GOSIP Version 1

01-OCT-92

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:1-3 ATS:1-6 Supplier: Corporation for Open Systems
International Test Center
8260 Willow Oaks Corp Drive, Suite 700
Fairfax, VA 22031
Contact: Andrea Reitzel

Tel: (703) 205-2809 Fax: (703) 846-8590 Test System Name, Release and Date:

COS 802.3 Test System, Ver 1.0, May 1989

Ver 1.0 01-MAY-89

Claimed Hardware and Operating System Platforms: 0001
Tested Hardware and Operating System Platforms: 0071
HP 16500 A Logic Analyzer System Mainframe, Ver 2

HP 16500A Logic Analyzer System Mainframe, Ver 2.0

HP 16531A 400 MHz Scope Card, Ver 2.01

HP 16530A Timebase Card, Ver 2.0, HP 16510A 25 MHz Statetiming Card,

HP 8656B Signal Generator, Options 001 & 002, HP 8770A Arbitrary Waveform Synthesizer, HP 4972A LAN Protocol Analyzer with RS-232C Option, Ver B.04.01

Base/Derived: BASE From MOT ID:

Connectivity: 0027

PLS{802.3}/10Base5

Underlying Stack:

Protocols and Profiles: 0039

MAC [ISO 8802-3] PLS

Date Registered: 30-OCT-90

Type of Registration and Expiration Date:

PROV, GOSIP Version 1 01-OCT-92

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:1-3

M-003 CLNP TEST SYSTEMS

NOTE: CLNP test systems registered under GOSIP Version 1 were

deleted from the register as of March 14, 1993.

M-004 TRANSPORT TEST SYSTEMS

NOTE: Transport test systems registered under GOSIP Version 1

were deleted from the register as of March 14, 1993.

M-005 SESSION

MOT ID:

Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101 Contact: Sanjay P Lokare

Tel: (510) 484-5674 Fax: (510) 484-4078

Test System Name, Release and Date:

XRTLE, Session

Ver 1.1

30-JAN-92

Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platform:0061

80386 PC, Interactive 386/IX UNIX Ver 2.2

Base/Derived: UPDATE

From MOT ID:

Connectivity: 0037

TP4-CLNS/CLNP{ES}/LAN

TP0/WAN

TP0/X.25/PLP/HDLC/RS-232C

Underlying Stack:

TWICE source code modified by Alcatel TITN ANSWARE for X.25

Protocols and Profiles: 0012

[ISO 8327] Session/Full Session

Date Registered: 03-AUG-92

Type of Registration and Expiration Date:

PROV, GOSIP Version 1

01-OCT-92

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:1-10

Supplier: National Computing Centre Limited

Oxford House, Oxford Road]

Manchester M1 7ED United Kingdom

Contact: Peter Bird

Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk

Test System Name, Release and Date:

NCC:COS Session Tester

Ver 1.0

01-AUG-91

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platform:0060

Sun 3 Series, SunOS 4.1.1 or later Sun 4 Series, SunOS 4.1.1 or later

Base/Derived: UPDATE

From MOT ID:

Connectivity: 0033

TPO/X.25 PLP/X.25 LAP-B/RS-232C TP2/X.25 PLP/X.25 LAP-B/V.35

TP4-CONS/X.25 PLP/X.25 LAP-B

TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3} TP4-CLNS/CLNP{ES}/X.25 PLP/X.25 LAP-B

Underlying Stack:

Protocols and Profiles: 0012

[ISO 8327] Session/Full Session

Date Registered: 14-JUL-92

Type of Registration and Expiration Date:

PROV, GOSIP Version 1

01-OCT-92

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:1-10

M-006 MHS Supplier: GSI-Danet Incorporated 1380 Old Freeport Road Pittsburgh, PA 15238 Contact: Hans-Ludwig Heil Tel: (412) 967-0834 Fax: (412) 963-6779 Test System Name, Release and Date: OSITEST/400 Ver 3.3 01-JUL-90 Claimed Hardware and Operating System Platforms: 0026 Sun 3 Series, SunOS 3.5; Sun 4 series, SunOS 4.1 DEC MicroVAX, ULTRIX 2.2 Tested Hardware and Operating System Platforms: 0001 Base/Derived: BASE From MOT ID: Connectivity: 0018 Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Session/TP0/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP(ES)/LLC1(802.2)/MAC(802.3) Underlying Stack: Protocols and Profiles: 0045 MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] Date Registered: 30-SEP-90 Type of Registration and Expiration Date: PROV, GOSIP Version 1 01-OCT-92 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:1-13 ATS:1-14 ATS:1-15 Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Contact: Peter Bird Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC:COS MHS Tester Ver 2.2.2 01-JUL-91 Claimed Hardware and Operating System Platforms: 0023 Sun 4 series, SunOS 4.1 Tested Hardware and Operating System Platforms: 0001 Base/Derived: UPDATE From MOT ID: Connectivity: 0020 Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Session/TP0/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP/X.25 PLP/X.25 LAP-B/RS-232C Session/TP4-CLNS/CLNP/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP/LLC1[802.2]/MAC[802.3 and 802.4] Underlying Stack: Protocols and Profiles: 0045 MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} MHS-84 Session [X.410:1984] Date Registered: 19-AUG-91 Type of Registration and Expiration Date: PROV, GOSIP Version 1 01-OCT-92 Reason for Removal: ATS Code Auto % Manual % Total % Comments

ATS:1-13

ATS:1.14

ATS:1-15

M-007 FTAM Supplier: Alcatel TITN Incorporated 12030 Sunrise Valley Drive Reston, VA 22091 Contact: Sanjay Lokare Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE FTAM Ver 1.0 10-APR-91 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0042 Sun 3 Series, SunOS 4.0.3; Sun 4 Series, SunOS 4.1 Base/Derived: UPDATE From MOT ID: Connectivity: 0021 Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Session/TP0/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CONS/X.25 PLP/X.25 LAP-B/RS-232C Session/TP4-CONS/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP/LLC1{802.2}/MAC{802.3} Underlying Stack: Protocols and Profiles: 0028 FTAM/(ACSE)/(Presentation) FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] Date Registered: 04-JUN-91 Type of Registration and Expiration Date: PROV, GOSIP Version 1 01-OCT-92 Reason for Removal: ATS Code Auto % Manual % Total % Comments Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Contact: Sanjay P Lokare Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE, FTAM Ver 1.0 10-APR-91 Claimed Hardware and Operating System Platforms: 0042 Sun 3 Series, SunOS 4.0.3 Sun 4 Series, SunOS 4.1 Tested Hardware and Operating System Platforms: 0001 Base/Derived: UPDATE From MOT ID: 0021 Connectivity: Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Session/TP0/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CONS/X.25 PLP/X.25 LAP-B/RS-232C Session/TP4-CONS/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP/LLC1{802.2}/MAC{802.3} Underlying Stack: Protocols and Profiles: 0032 FTAM [ISO 8571] Date Registered: 04-JUN-91 Type of Registration and Expiration Date: PROV, GOSIP Version 1 01-OCT-92 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:1-16

Supplier: Alcatel TITN Test Center Supplier: National Computing Centre Limited 7011 Koll Center Parkway, Suite 200 Oxford House, Oxford Road Pleasanton, CA 94566-3101 Manchester M1 7ED United Kingdom Contact: Sanjay P Lokare Contact: Peter Bird Tel: (510) 484-5674 Tel: +44 61 228 6333 Fax: (510) 484-4078 Fax: +44 61 236 9877 Test System Name, Release and Date: Email: peter@ncc.co.uk XRTLE, FTAM Test System Name, Release and Date: Ver 1.2 NCC:COS FTAM Tester 30-JAN-92 Ver 2.3.1 Claimed Hardware and Operating System Platforms: 0001 18-MAR-92 Tested Hardware and Operating System Platforms: 0061 Claimed Hardware and Operating System Platforms: 0056 80386 PC, Interactive 386/iX UNIX Ver 2.2 Sun 3 Series, SunOS 4.1 or later **UPDATE** Sun 4 Series, SunOS 4.1 or later Base/Derived: From MOT ID: Tested Hardware and Operating System Platforms: 0001 Base/Derived: UPDATE Connectivity: 0035 Session/TP4-CLNS/CLNP/LLC1{802.2}/MAC{802.3} From MOT ID: Session/TP0/X.25/PLP/HDLC/RS-232C Connectivity: 0029 Session/TP4-CONS/X.25 PLP/X.25 LAP-B/RS-232C and V.35 Session/TP0/X.25 PLP/X.25 LAP-B Underlying Stack: Session/TP2/X.25 PLP/X.25 LAP-B Protocols and Profiles: 0032 Session/TP4-CONS/X.25 PLP/X.25 LAP-B FTAM [ISO 8571] Session/TP4-CLNS/CLNP Date Registered: 03-AUG-92 Underlying Stack: Type of Registration and Expiration Date: Protocols and Profiles: 0028 PROV, GOSIP Version 1 FTAM/(ACSE)/(Presentation) 01-OCT-92 FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] Reason for Removal: ATS Code Auto % Manual % Total % Comments FTAM Presentation [ISO 8823:1988] ATS:1-16 Date Registered: 23-APR-92 Type of Registration and Expiration Date: PROV, GOSIP Version 1 01-OCT-92 Supplier: GSI-Danet Incorporated 1380 Old Freeport Road Reason for Removal: Pittsburgh, PA 15238 ATS Code Auto % Manual % Total % Comments Contact: Hans-Ludwig Heil ATS:1-16 Tel: (412) 967-0834 Fax: (412) 963-6779 Test System Name, Release and Date: Supplier: National Computing Centre Limited OSITEST/FTAM Oxford House, Oxford Road Ver 2.4 Manchester M1 7ED United Kingdom 01-JUL-90 Contact: Peter Bird Claimed Hardware and Operating System Platforms: 0026 Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Sun 3 Series, SunOS 3.5 Test System Name, Release and Date: Sun 4 series, SunOS 4.1 DEC MicroVAX, ULTRIX 2.2 NCC:COS FTAM Tester Ver 2.4 05-MAR-92 Tested Hardware and Operating System Platforms: 0001 Claimed Hardware and Operating System Platforms: 0056 Base/Derived: BASE Sun 3 Series, SunOS 4.1 or later From MOT ID: Sun 4 Series, SunOS 4.1 or later Connectivity: 0018 Tested Hardware and Operating System Platforms: 0001 Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Base/Derived: UPDATE Session/TP0/X.25 PLP/X.25 LAP-B/V.35 From MOT ID: Connectivity: 0018 Session/TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3} Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Underlying Stack: Protocols and Profiles: 0028 Session/TP0/X.25 PLP/X.25 LAP-B/V.35 Session/TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3} FTAM/(ACSE)/(Presentation) FTAM [ISO 8571:1988] {T1} Underlying Stack: Protocols and Profiles: 0028 FTAM ACSE [ISO 8650:1988] FTAM Presentation [ISO 8823:1988] FTAM/(ACSE)/(Presentation) Date Registered: 30-SEP-90 FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988] Type of Registration and Expiration Date: FTAM Presentation [ISO 8823:1988] PROV, GOSIP Version 1 01-OCT-92 Date Registered: 14-JUL-92 Type of Registration and Expiration Date: Reason for Removal: ATS Code Auto % Manual % Total % Comments PROV, GOSIP Version 1 01-OCT-92 ATS:1-16 Reason for Removal: ATS Code Auto % Manual % Total % Comments

ATS:1-16

Supplier: National Computing Centre Limited

Oxford House, Oxford Road

Manchester M1 7ED United Kingdom

Contact: Peter Bird

Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date:

NCC:COS FTAM Tester Ver 2.2.2 01-JUL-91 Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0023

Sun 4 Series, SunOS 4.1 Base/Derived: UPDATE

From MOT ID: Connectivity: 0020

Session/TP0/X.25 PLP/X.25 LAP-B/RS-232C Session/TP0/X.25 PLP/X.25 LAP-B/V.35

Session/TP4-CLNS/CLNP/X.25 PLP/X.25 LAP-B/RS-232C Session/TP4-CLNS/CLNP/X.25 PLP/X.25 LAP-B/V.35

Session/TP4-CLNS/CLNP/LLC1[802.2]/MAC[802.3 and 802.4]

Underlying Stack:

Protocols and Profiles: 0028

FTAM/(ACSE)/(Presentation) FTAM [ISO 8571:1988] {T1} FTAM ACSE [ISO 8650:1988]

FTAM Presentation [ISO 8823:1988]

Date Registered: 01-AUG-91

Type of Registration and Expiration Date:

PROV. GOSIP Version 1

01-OCT-92

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:1-16

REGISTER OF GOSIP MEANS OF TESTING GOSIP VERSION 2

Means of Testing (MOT) for the GOSIP program of conformance testing are listed here. These MOTs relate to the protocols identified in FIPS 146-1, GOSIP Version 2. The type of registration and expiration date are listed with each MOT. For further details on MOTs found in this register, please contact the named supplier.

M-001 WAN

Supplier: Hewlett-Packard Company

4211 - 95 Street

Edmonton, Alberta T6E5R6 Canada

Contact: Bill Mortimer Tel: (403) 462-4545

Test System Name, Release and Date:

ISO 8882 Test Suite

Ver 3.0 01-SEP-92

Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0116

PT300, PT302, PT500, PT502 and PT540, O/S Version 2.0

Base/Derived: BASE

From MOT ID:

Connectivity: 0044

RS-232C, V.35

Underlying Stack:

Protocols and Profiles: 0068

X.25 PLP [8208] {CCITT 1980, 1984, ISO 8208}

(X.25 LAP-B[7776]) Date Registered: 29-JAN-93

Type of Registration and Expiration Date:

FULL, GOSIP Version 2

01-JAN-00

Reason for Removal:

Auto % Manual % Total % Comments ATS Code Full X.25 with the

ATS:2-1 99 7

inclusion of ANSI Defect

Reports.

01-FEB-93

ATS:2-2

Supplier: Hewlett-Packard Company

4211 - 95 Street

Edmonton, Alberta T6E5R6 Canada

100

Contact:

Bill Mortimer Tel: (403) 462-4545

Test System Name, Release and Date:

ISO 8882 Test Suite Ver 3.1

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0126

PT300, PT302, PT500, PT502 AND PT540

OS Ver 2.0 (PT500/300), 2.7 (PT502/300) and 2.8 (PT540)

Base/Derived: UPDATE

From MOT ID:

Connectivity: 0044

RS-232C, V.35

Underlying Stack:

Protocols and Profiles: 0068

X.25 PLP [8208] {CCITT 1980, 1984, ISO 8208}

(X.25 LAP-B[7776]) Date Registered: 17-FEB-93

Type of Registration and Expiration Date: FULL, GOSIP Version 2 01-JAN-00

Reason for Removal:

Auto % Manual % Total % Comments ATS Code

ATS:2-1

100 ATS:2-2 100

Full X.25 with the inclusion of ansi defect

reports.

Supplier: International Business Machines Corporation Supplier: TEKELEC 26580 W. Aqoura Road P.O. Box 12195 Research Triangle Park, NC 27709 Calabasas, CA 91302 John G Conner Contact: Contact: Pierre Prescott Tel: (919) 254-2679 Tel: (818) 880-7780 Test System Name, Release and Date: Fax: (818) 880-6993 Automated Protocol Test System/2 (APTS/2) Test System Name, Release and Date: Chameleon 32-Plus ISO 8882 Test Suite Ver 1.1 03-AUG-92 Ver 2.0 Claimed Hardware and Operating System Platforms: 0001 17-DEC-92 Tested Hardware and Operating System Platforms: 0097 Claimed Hardware and Operating System Platforms: 0001 IBM PS/2 Model 70, 80 or 90 with 8MB memory Tested Hardware and Operating System Platforms: 0125 OS/2 Ver 1.3 Chameleon 32-Plus Base/Derived: BASE MTOS-UX From MOT ID: Base/Derived: UPDATE From MOT ID: Connectivity: 0044 RS-232C, V.35 Connectivity: 0044 RS-232C, V.35 Underlying Stack: Protocols and Profiles: 0068 Underlying Stack: X.25 PLP [8208] {CCITT 1980, 1984, ISO 8208} Protocols and Profiles: 0068 (X.25 LAP-B[7776]) X.25 PLP [8208] {CCITT 1980, 1984, ISO 8208} Date Registered: 14-DEC-92 (X.25 LAP-B[7776]) Date Registered: 12-MAY-93 Type of Registration and Expiration Date: FULL, GOSIP Version 2 Type of Registration and Expiration Date: 01-JAN-94 FULL, GOSIP Version 2 Reason for Removal: 01-JAN-00 ATS Code Auto % Manual % Total % Comments Reason for Removal: ATS:2-1 99.7 ATS Code Auto % Manual % Total % Comments ATS:2-2 100 ATS:2-1 100 ATS:2-2 100 Supplier: **TEKELEC** M-003 CLNP 26580 West Agoura Road Alcatel TITN Incorporated Calabasas, CA 91302 Supplier: Contact: Siamak Poursabahian 7011 Koll Center Parkway, Suite 200 Tel: (818) 880-7952 Pleasanton, CA 94566-3101 Fax: (818) 880-6993 Contact: Sanjay P Lokare Test System Name, Release and Date: Tel: (510) 484-5674 Fax: (510) 484-4078 Chameleon 32-Plus ISO 8882 Test Suite Test System Name, Release and Date: 14-JUL-92 Alcatel TITN, Inc., XRTLE V4.21/CLNP V1.1 XRTLE Kernel V4.21/CLNP V1.1 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0125 29-JAN-92 Chameleon 32-Plus Claimed Hardware and Operating System Platforms: 0206 MTOS-UX 80386 based PC, Interactive 386/iX UNIX Ver 2.2, 3.0, and Base/Derived: BASE From MOT ID: Tested Hardware and Operating System Platforms: 0129 Connectivity: 0044 80386 Based PC RS-232C, V.35 Interactive 386/iX UNIX Ver 3.0 Base/Derived: BASE Underlying Stack: From MOT ID: Protocols and Profiles: 0068 X.25 PLP [8208] {CCITT 1980, 1984, ISO 8208} Connectivity: 0010 (X.25 LAP-B[7776]) LLC1{802.2}/MAC{802.3} Date Registered: 08-FEB-93 Underlying Stack: Type of Registration and Expiration Date: LAN CMC 640 A.T. Type CMC FULL, GOSIP Version 2 Protocols and Profiles: 0093 01-JAN-00 CLNP{ES} [ISO 8473:1988] SIA V3 Reason for Removal: Date Registered: 11-JAN-93 ATS Code Auto % Manual % Total % Comments Type of Registration and Expiration Date: ATS:2-1 PROV, GOSIP Version 2 Full X.25 100 ATS:2-2 100 With the inclusion of 01-JAN-00 ANSI defect reports. Reason for Removal: ATS Code Auto % Manual % Total % Comments 27.3 90.9 ATS:2-7 63.6

Supplier: Alcatel TITN Incorporated

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact: Sanjay P Lokare Tel: (510) 484-5674

Fax: (510) 484-4078

Test System Name, Release and Date:

Alcatel TITN, Inc., XRTLE V5.20/CLNP V2.0 XRTLE Kernel V5.20/CLNP V2.0 15-JUL-93 Simple Update Registration. Kernel change to include

support of the MOTIF Graphical User Interface.

Claimed Hardware and Operating System Platforms: 0230 PC 386/486

Interactive UNIX V2.2, V3.0 or 3.0.1

Tested Hardware and Operating System Platforms: 0129

80386 Based PC

Interactive 386/iX UNIX Ver 3.0

Base/Derived: UPDATE

From MOT ID: 84 and 61

Connectivity: 0014

X.25 PLP/HDLC LAP-B/RS-232C X.25 PLP/HDLC LAP-B/V.35 CLNP/8802-2/8802-3

Underlying Stack:

TWICE X.25 and LLC1 modified by Alcatel TITN ANSWARE

for XRTLE. LAN CMC 640 A.T. TYPE CMC

Protocols and Profiles: 0093

CLNP{ES} [ISO 8473:1988] SIA V3

Date Registered: 30-JUN-94

Type of Registration and Expiration Date:

PROV, GOSIP Version 2 01-JAN-00

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

Supplier: Alcatel TITN Incorporated

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact: Sanjay P Lokare

Tel: (510) 484-5674 Fax: (510) 484-4078

Test System Name, Release and Date:

Alcatel TITN, Inc., XRTLE V5.20 CLNP V2.0 XRTLE Kernel V5.20 CLNP V2.0 15-JUL-93

Extended update registration. Extend coverage of ATS:2-7 to

include support for X.25 connectivity.

Claimed Hardware and Operating System Platforms: 0230 PC 386/486 Interactive UNIX V2.2, V3.0 or 3.0.1

Tested Hardware and Operating System Platforms: 0129

80386 Based PC

Interactive 386/iX UNIX Ver 3.0

Base/Derived: UPDATE

From MOT ID: 61

Connectivity: 0011

Y 25 PI P/UDI C

X.25 PLP/HDLC LAP-B/RS-232C X.25 PLP/HDLC LAP-B/V.35

Underlying Stack:

TWICE X.25 and LLC1 modified by Alcatel TITN ANSWARE for XRTLE

Protocols and Profiles: 0093

CLNP{ES} [ISO 8473:1988] SIA V3

Date Registered: 07-JUL-94

Type of Registration and Expiration Date:

PROV, GOSIP Version 2 01-JAN-00

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:2-7 65.7 25.7 91.4

Supplier: National Computing Centre Limited

Oxford House, Oxford Road

Manchester M1 7ED United Kingdom

Contact:

Peter Bird Tel: +44 61 228 6333

Fax: +44 61 236 9877

Email: peter@ncc.co.uk

Test System Name, Release and Date:

NCC IP (CLNP) Test System

Ver 2.2.1, ITS Ver 2.3

01-MAR-91

Claimed Hardware and Operating System Platforms: 0187

Sun 3 or Sun 4 Workstations

SunOS 4.1.1, 4.1.2 or 4.1.3

Tested Hardware and Operating System Platforms: 0001

Base/Derived: BASE

From MOT ID:

Connectivity: 0115

LLC1{802.2}/MAC{802.3}

X.25 PLP/X.25 LAP-B

Underlying Stack:

SunNET OSI 7.0 (TP4-CLNS) + SunNET X.25 7.0 (TP0)

Protocols and Profiles: 0046

CLNP{ES} [ISO 8473:1988] {Static Routing}

Date Registered: 03-MAR-93

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:2-7

97.1 With use of manual

assessment

M-004 TRANSPORT

Supplier: Alcatel TITN Incorporated

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact: Sanjay P Lokare

Tel: (510) 484-5674 Fax: (510) 484-4078

Test System Name, Release and Date:

T4L XRTLE Version 5.20 2.41a 01-MAY-93

Simple Upgrade: Kernel change to support the MOTIF graphical user interface. Derived Update: Addition of X.25

underlying stack.

Claimed Hardware and Operating System Platforms: 0229

H/W: 80386 based PC O/W: Interactive UNIX V3.0

Tested Hardware and Operating System Platforms: 0228

H/W: 80486 based PC O/S: Interactive UNIX V3.0.1

Base/Derived: UPDATE

From MOT ID:

Connectivity: 0094

CLNP{ES}/LLC1{802.2}/MAC{802.3} CLNP{ES}/X.25 PLP/X.25 LAP-B

Underlying Stack:

Protocols and Profiles: 0064

Transport Class 4/CLNS [ISO 8073:1988/Add.2:1989]

Date Registered: 07-JUL-94

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-OCT-94

Reason for Removal: N/A

ATS Code Auto % Manual % Total % Comments

ATS:2-9.1 92.7 1 93.7

Supplier:

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact:

Sanjay P Lokare Tel: (510) 484-5674

Fax: (510) 484-4078

Test System Name, Release and Date:

XRTLE Ver 4.2.1

TR02 (Transport Class 0) Ver 1.1

29-JAN-92

Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0061

80386 PC, Interactive 386/iX UNIX Ver 2.2

Base/Derived: BASE

From MOT ID:

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack:

TWICE Source code modified by Alcatel TITN ANSWARE

Protocols and Profiles: 0010

Transport Class 0 [ISO 8073:1988]

Date Registered: 01-FEB-93

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal:

ATS Code

Auto % Manual % Total % Comments

ATS:2-8

87 0 87

Supplier:

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact:

Sanjay P Lokare

Tel: (510) 484-5674

Fax: (510) 484-4078

Test System Name, Release and Date:

XRTLE Ver 4.21

TR02 (Transport Class 2) Ver 1.1

29-JAN-92

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0061

80386 PC, Interactive 386/LX UNIX Ver 2.2

Base/Derived: BASE

From MOT ID:

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack:

TWICE Source code modified by Alcatel TITN ANSWARE for

X.25

Protocols and Profiles: 0060

Transport Class 2 [ISO 8073:1988]

Date Registered: 05-MAR-93

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal:

ATS Code Auto % M

Auto % Manual % Total % Comments

ATS:2-20

92.7

1 93.7

Supplier:

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact:

Sanjay P Lokare

Tel: (510) 484-5674 Fax: (510) 484-4078

Test System Name, Release and Date:

XRTLE Ver 4.21 TP4/CONS

Ver 2.3

29-JAN-92

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0061

80386 PC, Interactive 386/iX UNIX Ver 2.2

Base/Derived: BASE

From MOT ID:

Connectivity: 0046

X.25 PLP/HDLC LAP-B

Underlying Stack:

TWICE Source code modified by Alcatel TITN ANSWARE for

¥ 24

Protocols and Profiles: 0011

Transport Class 4-CONS [ISO 8073:1988]

Date Registered: 02-MAR-93

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal:

ATS Code

Auto % Manual % Total % Comments

ATS:2-9.3 86.5 2.6 89.1

Supplier:

Alcatel TITN Test Center

7011 Koll Center Parkway, Suite 200

Pleasanton, CA 94566-3101

Contact:

Sanjay P Lokare Tel: (510) 484-5674

Fax: (510) 484-4078

Test System Name, Release and Date:

XRTLE Ver 4.21 T4L (TP4-CLNS) Ver 2.41

29-JAN-92

Claimed Hardware and Operating System Platforms: 0001

Tested Hardware and Operating System Platforms: 0061

80386 PC, Interactive 386/iX UNIX Ver 2.2

Base/Derived: BASE

From MOT ID:

Connectivity: 0041

CLNP{ES}/LLC1{802.2}/MAC{802.3}

Underlying Stack:

TWICE Source code modified by Alcatel TITN ANSWARE for

CLNP

Protocols and Profiles: 0075

Transport Class 4-CLNS [ISO 8073:1988 / Add2:1989]

Date Registered: 05-MAR-93

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal:

ATS Code Auto % Manual % Total % Comments

ATS:2-9.1

94.7 .6 95.3

Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Sanjay P Lokare Contact: Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE Ver 4.21 TR02 (TP0) Ver 1.1 29-JAN-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0216 Sun 4 IPC Workstation SunOS 4.1.1 Base/Derived: UPDATE From MOT ID: Connectivity: 0046 X.25 PLP/HDLC LAP-B Underlying Stack: TWICE Source code modified by Alcatel TITN ANSWARE for X.25 Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] Date Registered: 03-DEC-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: Auto % Manual % Total % Comments ATS Code ATS:2-8 87 0 87 Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Contact: Sanjay P Lokare Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE Ver 4.21 TP4/CLNS Ver 2.41 29-JAN-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0216 Sun 4 IPC Workstation SunOS 4.1.1 Base/Derived: UPDATE From MOT ID: Connectivity: 0041 CLNP{ES}/LLC1{802.2}/MAC{802.3} Underlying Stack: TWICE Source code modified by Alcatel TITN ANSWARE for CLNP Protocols and Profiles: 0082 Transport Class 4-CLNP [ISO 8073:1988/Add2:1989] Date Registered: 03-DEC-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00

Auto % Manual % Total % Comments

.6 95.3

Reason for Removal:

94.7

ATS Code

ATS:2-9.1

Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Contact: Peter Bird Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC ITS Transport Test System, Class 0 Release 3.0 04-JAN-92 ITS Protocol Engine Ver 2.3 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Connectivity: 0063 X.25 PLP/X.25 LAP-B/RS-232C Underlying Stack: SunNET OSI 7.0 (TP4-CLNS) + SunNET X.25 7.0 (TP0) Protocols and Profiles: 0010 Transport Class 0 [ISO 8073:1988] Date Registered: 31-MAR-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: Auto % Manual % Total % Comments ATS Code ATS:2-8 85.2 3.7 88.9 Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Contact: Peter Bird Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC ITS Transport Test System, Class 2 Release 3.0 ITS Protocol Engine Ver 2.3 04-JAN-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Connectivity: 0063 X.25 PLP/X.25 LAP-B/RS-232C Underlying Stack: SunNET $7.0 \times .25 + OSI$ Protocols and Profiles: 0060 Transport Class 2 [ISO 8073:1988] Date Registered: 31-MAR-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:2-20 66.5 5.3 71.8

Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Peter Bird Contact: Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC ITS Transport Test System, Class 4/CONS Release 3.0 ITS Protocol Engine Ver 2.3 04-JAN-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Connectivity: 0063 X.25 PLP/X.25 LAP-B/RS-232C Underlying Stack: SunNET 7.0 X.25 + OSI Protocols and Profiles: 0011 Transport Class 4-CONS [ISO 8073:1988] Date Registered: 31-MAR-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:2-9.2 77.8 3.8 81.6 Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Contact: Peter Bird Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC ITS Transport Test System, Class 4/CLNS Release 3.0 ITS Protocol Engine Ver 2.3 01-MAY-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Connectivity: 0010 LLC1 (802.2)/MAC(802.3) Underlying Stack: Protocols and Profiles: 0069 Transport Clas 4/CLNS [ISO 8073]:1988/Add.2:1989 Date Registered: 31-MAR-93

Type of Registration and Expiration Date:

01-JAN-00

86.5

Reason for Removal:

ATS Code

ATS:2-9.2

PROV, GOSIP Version 2

Auto % Manual % Total % Comments

2.4 88.9

M-005 SESSION Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Contact: Sanjay P Lokare Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE Ver 4.21 Session Version 1.1 29-JAN-92 Claimed Hardware and Operating System Platforms: 0186 Interactive UNIX V2.2, V2.2.1, V3.0, V3.0.1 Tested Hardware and Operating System Platforms: 0129 80386 Based PC Interactive 386/iX UNIX Ver 3.0 Base/Derived: BASE From MOT ID: Connectivity: 0059 TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3} Underlying Stack: TWICE Source code modified by Alcatel TITN ANSWARE for Transport and CLNP Protocols and Profiles: 0066 Session [ISO 8327:1987] Date Registered: 14-JAN-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments With use of manual ATS:2-10.1 98.4 .2 98.6 assessment Alcatel TITN Test Center Supplier: 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Sanjay P Lokare Contact: Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: XRTLE Ver 4.21 SESSION Ver 1.1 29-JAN-92 Claimed Hardware and Operating System Platforms: 0187 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0001 Base/Derived: UPDATE From MOT ID: Connectivity: 0108 TP4-CLNS/CLNP{ES}/LAN Underlying Stack: TWICE Source code modified by Alcatel TITN ANSWARE for Transport and CLNP Protocols and Profiles: 0066 Session [ISO 8327:1987] Date Registered: 03-DEC-93 Type of Registration and Expiration Date: PROV. GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:2-10.1 98.4 .2 98.6

M-006 MHS National Computing Centre Limited Supplier: Oxford House, Oxford Road Alcatel TITN Incorporated Supplier: Manchester M1 7ED United Kingdom 12030 Sunrise Valley Drive Contact: Peter Bird Tel: +44 61 228 6333 Reston, VA 22091 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Contact: Sanjay Lokare Test System Name, Release and Date: Tel: (510) 484-5674 88mhs Test System Ver 1.1 29-SEP-93 Fax: (510) 484-4078 Integrated Tool Set (ITS) protocol Engine Release 24 with Test System Name, Release and Date: patch 018 using OpenWindows 3.0 GENEPX400 Ver 2.6 28-JUN-92 Claimed Hardware and Operating System Platforms: 0187 MOT Engine - Supervisor V2.2 (Apr 92) Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0145 Tested Hardware and Operating System Platforms: 0061 Sun SPARCstation 4/330 with SunOS 4.1.2 80386 PC, Interactive 386/iX UNIX Ver 2.2 Base/Derived: BASE From MOT ID: Base/Derived: BASE Connectivity: 0114 TP4-CLNS/CLNP/LAN TP0/X.25 From MOT ID: Underlying Stack: Connectivity: 0026 SunNET OSI 7.0 (TP4-CLNS) + SunNET X.25 7.0 (TP0) TP0/X.25 PLP/X.25 LAP-B/RS-232C Protocols and Profiles: 0091 Underlying Stack: MHS-88/(ACSE)/(PRES)/(Session) MHS-88 MTA [X.400:1988] {P2,P1,RTSE} TWICE Source code modified by Alcatel TITN ANSWARE for Session Transport, CLNP, LLC1, X.25 MHS-88 ACSE [ISO 8650:1988]{MH} Protocols and Profiles: 0056 MHS-88 Presentation [ISO 8823:1988]{MH} MHS-84 MHS-88 Session [ISO 8327:1987] MHS-84 [X.400:1984] {P2, P1, RTS} Date Registered: 13-APR-94 Date Registered: 04-FEB-93 Type of Registration and Expiration Date: Type of Registration and Expiration Date: PROV. GOSIP Version 2 01-JAN-00 PROV. GOSIP Version 2 01-JAN-00 Reason for Removal: Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS Code Auto % Manual % Total % Comments ATS:3-22.1.2 39.2 23.8 63 **PASS** 14.9 82.1 ATS:2-13.2 67.2 ATS:3-22.2.1 88.9 88.9 **PASS** 0 ATS:2-13.3 90.5 0 90.5 ATS:3-22.3.1 55.6 24.4 80 **PASS** ATS:2-13.4 94.2 2.6 96.8 ATS:3-22.4 86.3 2.4 88.7 **PASS** ATS:3-22.5 93.4 **PASS** 81.2 12.2 ATS:3-22.6 78.2 12.9 91.1 **PASS** National Computing Centre Limited Supplier: Oxford House, Oxford Road Manchester M1 7ED United Kingdom Supplier: National Computing Centre Limited Contact: Peter Bird Oxford House, Oxford Road Tel: +44 61 228 6333 Manchester M1 7ED United Kingdom Fax: +44 61 236 9877 Email: peter@ncc.co.uk Peter Bird Tel: +44 61 228 6333 Contact: Test System Name, Release and Date: Fax: +44 61 236 9877 Email: peter@ncc.co.uk 84mhs Test System, Version 1.0 Test System Name, Release and Date: ITS Protocol Engine Rel 24 01-FEB-93 84mhs Version 1.0 01-FEB-93 OpenWindows 3.0; Registration for Session expires 01-MAY-94 Additional connectivity for TP4-CLNS/CLNP/LAN. Works with Claimed Hardware and Operating System Platforms: 0187 OpenWindows 2.0 (not recommended) and OpenWindows 3.0. Sun 3 or Sun 4 Workstations Claimed Hardware and Operating System Platforms: 0187 SunOS 4.1.1, 4.1.2 or 4.1.3 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Tested Hardware and Operating System Platforms: 0145 Tested Hardware and Operating System Platforms: 0220 Sun SPARCstation 4/330 with SunOS 4.1.1 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Base/Derived: UPDATE TP4-CLNS/CLNP/LAN From MOT ID: Connectivity: 0004 Connectivity: 0058 TP0/WAN SunNET OSI 7.0 Underlying Stack: Underlying Stack: Protocols and Profiles: 0045 SunNET OSI 7.0(TP4-CLNS) + SunNET X.25 7.0(TP0) MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} Protocols and Profiles: 0045 MHS-84 Session [X.410:1984] MHS-84/(Session) MHS-84 [X.400:1984] {P2, P1, RTS} Date Registered: 24-FEB-94 MHS-84 Session [X.410:1984] Type of Registration and Expiration Date: Date Registered: 24-MAY-93 PROV, GOSIP Version 2 01-JAN-00 Session: PROV, GOSIP Version 2 until 01-MAY-94; RTS, P1, P2: Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 PROV, GOSIP Version 2, until 01-JAN-00. Reason for Removal: Reason for Removal: Auto % Manual % Total % Comments ATS Code Auto % Manual % Total % Comments ATS Code ATS:2-13.2 97 Λ 97 ATS:2-13.1 97 0 97 ATS:2-13.3 85 7 92 ATS:2-13.2 85 7 92

ATS:2-13.3

ATS:2-13.5

81

65

0

0

81

65

ATS:2-13.4

ATS:2-13.5

81

65

0

0

81

65

Supplier: National Computing Centre Limited M-007 FTAM Oxford House, Oxford Road Manchester M1 7ED United Kingdom Supplier: Alcatel TITN Incorporated Peter Bird Tel: +44 61 228 6333 Contact: 12030 Sunrise Valley Drive Fax: +44 61 236 9877 Email: peter@ncc.co.uk Reston, VA 22091 Test System Name, Release and Date: Contact: Sanjay Lokare 01-OCT-93 Tel: (510) 484-5674 84mhs Fax: (510) 484-4078 1.1 Test Engine 24 with Patches 018, 019, 020, 023, and 033. Test System Name, Release and Date: Claimed Hardware and Operating System Platforms: 0187 XRTLE Ver 4.21 FTAM Ver 1.31 29-JAN-92 Sun 3 or Sun 4 Workstations SunOS 4.1.1, 4.1.2 or 4.1.3 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0220 Tested Hardware and Operating System Platforms: 0061 Sun SPARCstation 4/330 with SunOS 4.1.1 80386 PC, Interactive 386/iX UNIX Ver 2.2 Base/Derived: UPGRADE Base/Derived: BASE From MOT ID: From MOT ID: Connectivity: 0058 TP0/WAN Connectivity: 0062 Underlying Stack: Session/TP4-CLNS/CLNP{ES}/LLC1{802.2}/MAC{802.3} SunNET OSI 7.0; SunNET X.25 7.0 Session/TP4-CONS/X.25 PLP/X.25/RS-232C Protocols and Profiles: 0045 Session/TP0/X.25 PLP/X.25/RS-232C MHS-84/(Session) Underlying Stack: TWICE Source code modified by Alcatel TITN MHS-84 [X.400:1984] {P2, P1, RTS} ANSWARE for Session Transport, CLNP, LLC1, X.25 MHS-84 Session [X.410:1984] Protocols and Profiles: 0057 Date Registered: 20-JUL-94 FTAM [ISO 8571:1988] {T1} Simple File Transfer Protocol Type of Registration and Expiration Date: Date Registered: 25-JAN-93 PROV, GOSIP Version 2 01-JAN-00 Type of Registration and Expiration Date: Reason for Removal: N/A PROV. GOSIP Version 2 01-JAN-00 ATS Code Auto % Manual % Total % Comments Reason for Removal: Auto % Manual % Total % Comments ATS:2-13.2 80.3 0 80.3 ETS affected by this upgrade. ATS Code 12.7 89.2 ETS affected by this upgrade. ATS:2-13.3 ATS:2-16.1 76.5 6 84 ATS:2-13.4 74.4 80.4 ETS affected by this upgrade. 6 ATS:2-13.5 58.9 5.9 64.8 ETS affected by this upgrade. Supplier: GSI-Danet Incorporated 1380 Old Freeport Road Supplier: National Computing Centre Limited Pittsburgh, PA 15238 Oxford House, Oxford Road Hans-Ludwig Heil Contact: Manchester M1 7ED United Kingdom Tel: (412) 967-0834 Fax: (412) 963-6779 Peter Bird Test System Name, Release and Date: Contact: Tel: +44 61 228 6333 Fax: +44 61 236 9877 OSITEST/FTAM Version 2.6.3.2 01-MAR-93 Email: peter@ncc.co.uk Claimed Hardware and Operating System Platforms: 0001 Test System Name, Release and Date: Tested Hardware and Operating System Platforms: 0149 SunSPARCstation 4/330 with SunOS 4.1.1 Version 1.1 01-OCT-93 84mhs Additional connectivity for TP4-CLNS/CLNP/LAN. Requires Test Base/Derived: BASE From MOT ID: Engine 24 with Patches 018, 019, 020, 023 and 033. Connectivity: 0109 Claimed Hardware and Operating System Platforms: 0233 TP4-CLNS/CLNP{ES}/LAN H/W: Vendor claims all Sun 3 and 4 series TP0/WAN O/S: SunOS 4.1, 4.1.1, 4.1.2 and 4.1.3 Underlying Stack: SunNet OSI 7.0; SunNet X.25 7.0 Tested Hardware and Operating System Platforms: 0220 Protocols and Profiles: 0073 Sun SPARCstation 4/330 with SunOS 4.1.1 FTAM/(ACSE)/(Presentation)/(Session) Base/Derived: UPDATE FTAM [ISO 8571:1988] {T1, M1, T2, A1, R&R} From MOT ID: FTAM ACSE [ISO 8650:1988] Connectivity: 0082 TP4-CLNS/CLNP/LAN FTAM Presentation [ISO 8823:1988] {ASN.1} FTAM Session [ISO 8327:1987] {R&R} Underlying Stack: SunNET OSI 7.0 Date Registered: 28-JUN-93 Protocols and Profiles: 0045 MHS-84/(Session) Type of Registration and Expiration Date: MHS-84 [X.400:1984] {P2, P1, RTS} PROV, GOSIP Version 2 01-JAN-00 MHS-84 Session [X.410:1984] Reason for Removal: Auto % Manual % Total % Comments Date Registered: 28-JUL-94 ATS Code Type of Registration and Expiration Date: ATS:2-16.10 0 81 81 PROV, GOSIP Version 2 ATS:2-16.11 95 0 95 01-JAN-00 Reason for Removal: N/A ATS:2-16.12 90 90 0 ATS Code Auto % Manual % Total % Comments ATS:2-16.13 73 0 73 0 80.3 None. 91 0 01 ATS:2-13.2 80.3 ATS:2-16.2 0 83 ATS:2-13.3 76.5 83 12.7 89.2 None. ATS:2-16.4 ATS:2-13.4 74.4 80.4 None. ATS:2-16.6 90 0 90 6 0 87 ATS:2-13.5 58.9 5.9 64.8 None. ATS:2-16.7 87 ATS:2-16.8 93 0 93

ATS:2-16.9

82

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82

Supplier: National Computing Centre, Ltd Oxford House, Oxford Road Manchester M17ED United Kingdom Contact: Christian Goswani Tel: +44 61 228-6333 Fax: +44 61 236-9877 Email: chris@ncc.co.uk Test System Name, Release and Date: FTAM Version 3.1 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: UPGRADE From MOT ID: Connectivity: 0110 TP4-CLNS/CLNP{ES}/LAN TP4-CLNS/CLNP{ES}/WAN TP0/WAN Underlying Stack: SunNet OSI 7.0; SunNET X.25 7.0 Protocols and Profiles: 0073 FTAM/(ACSE)/(Presentation)/(Session); FTAM [ISO 8571:1988] {T1, M1, T2, A1, R&R}; FTAM ACSE [ISO 8650:1988]; FTAM Presentation [ISO 8823:1988] {ASN.1}; FTAM Session [ISO 8327:1987] {R&R} Date Registered: 30-JUN-94 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments 2-16.10 88.9 88.9 ETS affected by this report. 0 2-16.11 95 0 95 ETS affected by this report. 91.2 92.8 2-16.12 ETS affected by this report. 1.6 2-16.13 97 97 n 2-16.2 94 0 94 2-16.3 75 0 75 0 2-16.6 90 90 100 100 2-16.7 0 ETS affected by this report. 2-16.8 90 0 90 ETS affected by this report. 2-16.9 87.1 12.9 100 ETS affected by this report. Supplier: National Computing Centre, Ltd. Oxford Road Manchester M17ED United Kingdom Contact: Robert Clark Tel: (510) 687-3002 Test System Name, Release and Date: FTAM Version 3.0 Claimed Hardware and Operating System Platforms: 0001 Tested Hardware and Operating System Platforms: 0145 Sun SPARCstation 4/330 with SunOS 4.1.2 Base/Derived: BASE From MOT ID: Connectivity: 0110 TP4-CLNS/CLNP{ES}/LAN TP4-CLNS/CLNP{ES}/WAN TP0/WAN Underlying Stack: SunNet OSI 7.0; SunNet X.25 7.0 Protocols and Profiles: 0073 FTAM/(ACSE)/(Presentation)/(Session) FTAM [ISO 8571:1988] {T1, M1, T2, A1, R&R}; FTAM ACSE [ISO 8650:1988]; FTAM Presentation [ISO 8823:1988] {ASN.1}; FTAM Session [ISO 8327:1987] {R&R} Date Registered: 28-JUN-93 Type of Registration and Expiration Date: PROV. GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:2-16.10 95 0 95 ATS:2-16.11 95 95 n ATS:2-16.12 94 0 94 94 0 ATS:2-16.2 04 ATS:2-16.3 75 0 75 90 ATS:2-16.6 0 90 ATS:2-16.7 96 0 96 88 ATS:2-16.8 0 88 ATS:2-16.9 100 0

100

97

ATS:2-26.13

97

M-008 ES-IS Supplier: Alcatel TITN Test Center 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101 Contact: Sanjay P Lokare Tel: (510) 484-5674 Fax: (510) 484-4078 Test System Name, Release and Date: **XRTLE V5.20** ES-IS(ES) V1.1 01-JUN-93 Claimed Hardware and Operating System Platforms: 0186 PC 386/486 Interactive UNIX V2.2, V2.2.1, V3.0, V3.0.1 Tested Hardware and Operating System Platforms: 0061 80386 PC, Interactive 386/iX UNIX Ver 2.2 Base/Derived: BASE From MOT ID: Connectivity: LLC1{802.2}/MAC{802.3}/10Base5 Underlying Stack: TWICE software modified by Alcatel TITN ANSWARE Protocols and Profiles: 0081 ES-IS{ES} [ISO 9542:1988][SIA VER 3] Date Registered: 01-OCT-93 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: ATS Code Auto % Manual % Total % Comments ATS:2-18 87 8 95 Supplier: National Computing Centre Limited Oxford House, Oxford Road Manchester M1 7ED United Kingdom Peter Bird Contact: Tel: +44 61 228 6333 Fax: +44 61 236 9877 Email: peter@ncc.co.uk Test System Name, Release and Date: NCC ES-IS(ES) Tester Version 1.1 03-MAR-94 NCC Test Engine Release 26 using Open Windows 3.0 Claimed Hardware and Operating System Platforms: 0225 Sun 4 Workstations SunOS 4.1.1, 4.1.2, 4.1.3 Tested Hardware and Operating System Platforms: 0220 Sun SPARCstation 4/330 with SunOS 4.1.1 Base/Derived: BASE From MOT ID: Connectivity: 0119 LLC1{802.2}/MAC{802.3}/10Base2 Underlying Stack: SunNet OSI 7.0 Protocols and Profiles: 0081 ES-IS{ES} [ISO 9542:1988][SIA VER 3] Date Registered: 09-JUN-94 Type of Registration and Expiration Date: PROV, GOSIP Version 2 01-JAN-00 Reason for Removal: Auto % Manual % Total % Comments ATS Code 71.1 97.4 ATS:2-18 26.3

M-009 Directory Services

Supplier: National Computing Centre Limited

Oxford House, Oxford Road

Manchester M1 7ED United Kingdom

Contact:

Peter Bird

Tel: +44 61 228 6333 Fax: +44 61 236 9877

Email: peter@ncc.co.uk

Test System Name, Release and Date:

NCC500 Test System

Release 2.0 01-JUN-93

NCC Test Engine Release 24 OpenWindows 3.0

Claimed Hardware and Operating System Platforms: 0219

H/W: Sun 4 SPARCstation series

Sun 3 series

O/S: SunOS 4.1, 4.1.1/2/3

Tested Hardware and Operating System Platforms: 0149

SunSPARCstation 4/330 with SunOS 4.1.1

Base/Derived: BASE

From MOT ID:

Connectivity: 0118

TP0/X.25

TP4/CLNP/802.3

TP4/X.25

TP2/X.25

Underlying Stack:

SunNET OSI 7.0; SunNET X.25 7.0

Protocols and Profiles: 0087

X.500-88 {DAP/DUA}/(ACSE&ROSE)/(Presentation)/(Session)

X.500-88 DAP[CCITT X.500; ISO/IEC 9594:1990]{DUA}

X.500-88 {DAP/DSA}/(ACSE&ROSE)/(Presentation)/(Session)

X.500-88 DAP [CCITT X.500; ISO/IEC 9594:1990] {DSA}

ROSE [ISO 9072:1989]

ACSE [ISO 8650:1988]

Presentation [ISO 8823:1988]

Session [ISO 8327:1987]

Date Registered: 09-JUN-94

Type of Registration and Expiration Date:

PROV, GOSIP Version 2

01-JAN-00

Reason for Removal: N/A

ATS Code	Auto %	Manu	al %	Total %	Comments
ATS:3-23.1	83.6	.9	84.5	P	ASS
ATS:3-23.2.1	100	0	100	P	ASS
ATS:3-23.3.1	81	5.4	86.4	P	ASS
ATS:3-23.5.1	89.6	4	93.6	P	ASS
ATS-3-23 5 2	95.7	Λ	95.7	D	224

5.4.7 PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENTS REGISTER

PICS:1-13

Protocol:

Message Handling System - 1984,

Reliable Transfer Server

Profile P1, P2

GOSIP Version: 1

Expire Date:

Comments: None

Title:

COS Stack Specification COS/AMH113

Organization: Corporation for Open Systems

International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: 15-APR-92

Issue: Version 1.2

Comments: None

PICS:2-1

Protocol: X.25 Link Access Procedure - B

GOSIP Version: 2

Expire Date:

Comments: None

Title: PICS Proforma for X.25 Data Link Layer

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-MAR-92

Issue:

Comments: None

PICS:2-10

Protocol: Session

GOSIP Version: 2

Expire Date:

Comments: If embedded, adjust requirements to conform to the

application.

Title: PICS Proforma for basic connection oriented session

Organization: International Organization

for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 22-OCT-92 Issue: ISO 8327-2 Comments: None

PICS:2-13.1

Message Handling System - 1984, Protocol:

Reliable Transfer Server

Profile P1, P2

GOSIP Version: 2 Expire Date:

Comments: None

Title:

Corporation for Open Systems (COS)

Organization: Corporation for Open Systems International

1750 Old Meadow Road McLean, VA 22102

Issue Date: 15-APR-92

Issue:

Version 1.2

Comments: None

PICS:2-13.2

Protocol: Message Handling System - 1984, Session Protocol

GOSIP Version: 2

Expire Date:

Comments: None

Title:

COS Stack Specification COS/AMH113

Organization: Corporation for Open Systems

International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: Issue:

15-APR-92 Version 1.2

Comments:

None

PICS:2-16.1

Protocol: High Level Data Link Control, Logical Access

Procedure B

GOSIP Version: 2

Expire Date:

Comments:

Title: TEST

Organization: Bull Information Systems, Incorporated

13430 North Black Canyon Highway

Phoenix, AZ 85029

Issue Date:

Issue:

Comments:

Title: TEST

Organization: Bull Information Systems, Incorporated

13430 North Black Canyon Highway

Phoenix, AZ 85029

Issue Date:

Issue:

Comments:

Title: PICS for FTAM

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

15-DEC-90 Issue Date:

ISO 8571-5:1988 Issue: Comments:

ISO/IEC SC6

PICS for FTAM Title:

Organization: International Organization for Standardization

(ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 15-DEC-90

Issue: ISO 8571-5:1988

Comments: ISO/IEC SC6

PICS:2-16.1

Protocol: File Transfer, Access, and Management

GOSIP Version: 2

Expire Date:

Comments: None

Title: TEST

Organization: Bull Information Systems, Incorporated

13430 North Black Canyon Highway

Phoenix, AZ 85029

Issue Date:

Issue:

Comments:

Title: TEST

Organization: Bull Information Systems, Incorporated

13430 North Black Canyon Highway

Phoenix, AZ 85029

Issue Date:

Issue:

Comments:

Title: PICS for FTAM

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 15-DEC-90
Issue: ISO 8571-5:1988
Comments: ISO/IEC SC6

Title: PICS for FTAM

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 15-DEC-90
Issue: ISO 8571-5:1988
Comments: ISO/IEC SC6

PICS:2-16.2

Protocol: Association Control Service Element

GOSIP Version: 2 Expire Date:

Comments: Adjust requirements to conform to the application

Title: PICS Proforma for Association Control Service Element

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 22-OCT-92
Issue: ISO 8650-2
Comments: None

PICS:2-16.3

Protocol: Presentation

GOSIP Version: 2
Expire Date:

Comments: Adjust requirements to conform to the application

Title: PICS Proforma for Presentation

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 22-OCT-92
Issue: ISO 8823-2
Comments: None

PICS:2-17.1

Protocol: X.500-88 Directory Access Protocol

GOSIP Version: 2 Expire Date: Comments: None

Title: Directory Access Protocol PICS Proforma

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-JUN-94

Issue: Draft; based on CCITT Recommendation X.581

Comments: None

PICS:2-17.2

Protocol: X.500-88 Directory System Protocol

GOSIP Version: 2 Expire Date: Comments: None

Title: Directory System Protocol PICS Proforma

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Draft under development; based on CCITT

Recommendation X.582
Comments: Date TBD

PICS:2-2

Protocol: X.25 Packet Layer Protocol

GOSIP Version: 2 Expire Date: Comments: None

Title: PICS Proforma for X.25 Packet Layer

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

ATTN: TCDBA, Bldg. # 5/305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-MAR-92

Issue:

Comments: None

PICS:2-3.1

Protocol: End System to Intermediate System

GOSIP Version: 2 Expire Date:

Comments: None

Title: PICS Proforma for End System to Intermediate System

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 15-AUG-88 ISO 9542 Issue: Comments: None

Interim Profile Specific ICS (SIA June 1990)

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 15-DEC-93

Issue.

Comments: None

PICS:2-7

Protocol: Connectionless Network Layer Protocol

GOSIP Version: 2 Expire Date:

Comments: None

PICS Proforma for Connectionless Network Layer Title:

Protocol

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-MAR-92 Issue: ISO 8473 Comments:

PICS:2-8.1

Protocol: Transport Class 0 & 4

GOSIP Version: 2 Expire Date: Comments: None

Title: PICS Proforma for Transport Class 0 and 4 Protocols

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-MAR-92 Issue: ISO 8073 Comments: None

PICS:2-8-2

Protocol: Transport Class 0, 2, & 4

GOSIP Version: 2 Expire Date:

Comments: None

Title: PICS Proforma for TRANSPORT Class 0, 2, and 4

Protocols

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-JUN-93 ISO 8073:1988 Iccue.

Comments: Updated June 93 to include TP2

PICS:2-9

Connectionless Transport Protocol:

GOSIP Version: 2 Expire Date:

Comments: Voting Terminates on 29 Oct 1993 for ISO

8602:1987/DAM 1

PICS Proforma for Connectionless Transport Title:

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 01-APR-93

ISO 8602:1987/DAM1:1993 Iccue.

Comments: None

PICS:3-22.1

Message Handling System - 1988, P1 Profile Protocol:

GOSIP Version: 3 Expire Date:

This is also known as ISO/IEC DISP 10611-3:1993(E) Comments:

Title: Message Handling Systems-Common Messaging-Part 3:

AMH11-

Message Transfer(P1)

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

31-JUL-93 Issue Date: ISO DISP 10611-3 Issue:

Comments: None

PICS:3-22.2

Protocol: Message Handling System - 1988, P2 Profile

GOSIP Version: 3
Expire Date:

Comments: This is also known as pDISP AMH2-2: September 1993

Title: Message Handling Systems-Interpersonal Messaging-Part 2:

AMH21-IPM Content

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 24-SEP-93 Issue: pDISP AMH2-2

Comments: None

PICS:3-22.3

Protocol: Message Handling Systems - 1988 (P3)

GOSIP Version: 3
Expire Date:

Comments: This is also known as ISO/IEC DISP 10611-4:1993(E)

Title: Message Handling Systems-Common Messaging-Part 4:

AMH12-MTS

Access(P3)

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 31-JUL-93
Issue: ISO DISP 10611-4

Comments: None

PICS:3-22.4

Protocol: Message Handling Systems - 1988 {P7}

GOSIP Version: 3
Expire Date:

Comments: This is also known as ISO/IEC DISP 10611-5:1993(E)

Title: Message Handling Systems-Common Messaging-Part 5:

AMH13-MS Access (P7)

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 31-JUL-93
Issue: ISO DISP 10611-5

Comments: None

Title: Message Handling Systems-Interpersonal Messaging-Part5:AMH24--IPM Requirements for Enhanced MS Access (P7)

Organization: International Organization for Standardization (ISO)

Case Postale 56

CH-1211 Geneve 20 Switzerland

Issue Date: 24-SEP-93

Issue: pDISP AMH2-5 (Suppl.)

Comments: None

PICS:3-22.5

Protocol: Reliable Transfer Service Element

GOSIP Version: 3
Expire Date:

Comments: Referenced by ISO/IEC DISP 10611-2:1993(E)

Title: PICS Proforma for RTSE Protocol

Organization: International Telecommunications Union-Information

Services Department
Place des Nations

Geneva 20 1211 Switzerland

Issue Date: 10-SEP-92

Issue: Recommendation X.248

Comments: None

5.4.8 ABSTRACT TEST SUITES CONFORMANCE REGISTER

ATS:1-1

Protocol: HDLC LAP-B

High Level Data Link Control, Logical Access Procedure

В

GOSIP Version: 1 Expire Date: Comments:

Title: X.25-DTE Conformance Testing: Text for Data Link Layer

Test Suite

Organization: ISO/IEC JTC1/SC2

Issue Date: 30-JUN-90 Issue: ISO/IEC DP 8882-2

Comments:

ATS:1-10

Protocol: Session

Session

GOSIP Version: 1 Expire Date: Comments:

Title: Session Abstract Test Suite; Volumes 1, 2 and 3

Organization: CTS-WAN

USA

Issue Date: 01-SEP-88

Issue: CTS-WAN/T&S/ABS/SES/CS/1.0

Comments:

ATS:1-13

Protocol: MHS-84{RTS}

Message Handling System - 1984, Reliable Transfer

Service

Profile

GOSIP Version: 1

Expire Date:

Comments: Also issued under NIST cover, August 1990.

Title: MHS RTS Tests and Testing Guide

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-APR-90
Issue: Issue 2
Comments:

ATS:1-14

Protocol: MHS-84{P1}

Message Handling System - 1984, P1 Profile

GOSIP Version: 1

Expire Date:

Comments: Also issued under NIST cover, August 1990.

Title: MHS P1 Tests and Testing Guide

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-APR-90 Issue: Issue 3

Comments:

ATS:1-15

Protocol: MHS-84{P2}

Message Handling System - 1984, P2 Profile

GOSIP Version: 1

Expire Date:

Comments: Also issued under NIST cover, August 1990.

Title: MHS P2 Tests and Testing Guide

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-APR-90 Issue: Issue 3

Comments:

ATS:1-16

Protocol: FTAM{T1,T2}/ACSE/Presentation

File Transfer, Access, and Management: T1 and T2 Profiles, Association Control Service Element, and Presentation

GOSIP Version: 1

Expire Date:

Comments: T1 and T2 profiles from NIST; ACSE and Presentation

from NCC.

Title: FTAM Abstract Test Suite for GOSIP Version 1

Organization: National Institute of Standards and Technology (NIST)

Building 225, Room B151 Gaithersburg, MD 20899

Issue Date: 01-AUG-90

Issue: Comments:

Title: FTAM Tests and Testing Guide

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 03-AUG-90 Issue: NCC/TPD - 89/016

Comments:

ATS:1-2

X.25 PLP Protocol:

X.25 Packet Layer Protocol

GOSIP Version: 1 Expire Date: Comments:

Title: DIS 8882-3 London Output.

Organization: ISO/IEC JTC1/SC2

Issue Date: 20-JUN-90

Issue: ISO/IEC JTC1/SC6/N5608 Revised

Comments:

ATS:1-3

MAC & PLS [ISO 8802/3] Protocol:

Medium Access Control and Physical Layer Signaling [ISO

8802/31

GOSIP Version: 1 Expire Date:

Comments: Incorporates four test suites submitted by Corporation

for Open Systems (COS) International, October 1989.

Title: 802.3 Draft Abstract Test Suite for GOSIP Version 1.

Organization: National Institute of Standards and Technology (NIST)

Building 225, Room B151 Gaithersburg, MD 20899

Issue Date: 01-AUG-90

Issue: Comments:

ATS:1-4

Protocol: MAC & PLS [ISO 8802/4]

Medium Access Control and Physical Layer Signaling [ISO

8802/41

GOSIP Version: 1

Expire Date: Comments:

Title:

802.4 MAC Sublayer Conformance Test System Test Case Reference Guide.

Organization: Corporation for Open Systems

International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: 01-MAR-88

COS/TPD-88/008, Issue 1 Issue:

Comments:

ATS:1-5

MAC & PLS [ISO 8802/5]

Medium Access Control and Physical Layer Signaling [ISO 8802/5]

GOSIP Version: 1 Expire Date:

Comments: No registered ATS

ATS:1-6

Protocol: LLC-1

Logical Link Control Type 1

GOSIP Version: 1 Expire Date: Comments:

Title: 802.2 LLC (Type 1) Abstract Test Suite Submission

(extract from 802.3 10BASE5 Layer 2 Test System

Results Analysis Guide - LLC Sublayer).

Corporation for Open Systems Organization:

International Test Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: 01-AUG-90 Issue 1

Issue: Comments:

ATS:1-7

CLNP{ES} Protocol:

Connectionless Network Protocol, End System

GOSIP Version: 1 Expire Date: Comments:

Internet Protocol Tests and Testing Guide for ISO 8473 Title:

Connectionless Network Protocol Implementations.

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-JUL-90

Issue: NCC/TPD-90/003, Issue 2

Comments:

ATS:1-7.1

CLNP(IS) Protocol:

Connectionless Network Protocol, Intermediate System

GOSIP Version: 1 Expire Date: Comments:

Interim Abstract Test Suite for CLNP Intermediate Title:

Systems Testing.

Organization: National Institute of Standards and Technology (NIST)

Building 225, Room B151 Gaithersburg, MD 20899

Issue Date: 30-OCT-90

Issue: Comments: ATS:1-8

Protocol: TP0

Transport Protocol Class 0

GOSIP Version: 1 Expire Date: Comments:

Title:

ISO/OSI Transport Class 0 CTS-WAN Abstract Test Suite

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 13-OCT-88

Issue: CTS-WAN/T&S/ABS/TR0/CS/1.0, Rev 2.1

Comments:

ATS:1-9

Protocol: TP4

Transport Protocol Class 4

GOSIP Version: 1 Expire Date: Comments:

Title:

Transport Class 4 Tests and Testing Guide for ISO 8073

Transport Class 4 Implementations.

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-JUL-90

Issue: NCC/TPD - 90/002, Issue 2

Comments:

ATS:2-1

Protocol: HDLC LAP-B

High Level Data Link Control, Logical Access Procedure

GOSIP Version: 2

Expire Date:

Comments: Defects exist

Title: Information Techno

Information Technology-Telecommunications and Information Exchange Between Systems- X.25 DTE Conformance Testing- Part 2: Data Link Layer

Conformance Test Suite

Organization: ISO/IEC JTC1/SC6

Issue Date: 20-JAN-92

ISO/IEC 8882-2:1992(E), First Edition

Issue: Comments:

Title: Defect Report to ISO/IEC 8882-2: 1992

Organization: ISO/IEC JTC1/SC6

Issue Date: 30-MAR-92 Issue: X3S3.4/92-54

Comments:

Title: Abstract Test Suite Addendum for X.25

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/x25-isdn/x25.w51

ATS:2-10.1

Protocol: Session

Session

GOSIP Version: 2

Expire Date: 01-FEB-94

Comments: Superseded by ATS:2-10.2

Title: Session Abstract Test Suite, Volumes 1, 2, and 3

Organization: CTS-WAN

Issue Date: 01-SEP-88

Issue: CTS/WAN/T&S/ABS/SES/CS/1.0

Comments:

Title: Session CTS-WAN Abstract Test Suite, CTS2 Extension

Organization: Alcatel TITN Incorporated 7011 Koll Center Parkway, Suite 200 Pleasanton, CA 94566-3101

Fleasailton, CA 94300-31

Issue Date: 19-MAR-91
Issue: Version 2.0

Comments:

Title: Abstract Test Suite Addendum for Session

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

ATIN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/atsaddenda/session/sess-01.w51

ATS:2-10.2

Protocol: Session

Session

GOSIP Version: 2 Expire Date: Comments:

Title: Session Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-92

Issue: OSTC/T&S/ABS/SES/CS/2.1

Comments:

ATS:2-13.1

Protocol: MHS-84 Session

Message Handling System - 1984, Session Protocol

GOSIP Version: 2 Expire Date: 01-FEB-94

Comments: This ATS has been superseded by ATS:2-13.5; defects

exist

Title: Abstract Session Test Suite DSE MHS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 18-JAN-89

Issue: OSTC/MHS/ABS/SES/DSE/3.0, Version 3.0

Comments:

Title: Abstract Test Suit Addendum for MHS-84

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/mhs-84/mhs84-01.w51

ATS:2-13.2

Protocol: MHS-84{RTS}

Message Handling System - 1984, Reliable Transfer

Service

Profile

GOSIP Version: 2
Expire Date:

Comments:

Title: MHS RTS Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JUL-91

Issue: OSTC/MHS/ABS/RTS/2.0

Comments:

Title: Abstract Test Suite Addendum for MHS-84

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet Address]; directory: public/addenda.ats/mhs-84/mhs84-02.w51

ATS:2-13.3

Protocol: MHS-84{P1}

Message Handling System - 1984, P1 Profile

GOSIP Version: 2
Expire Date:

Comments: Defects exist

Title: MHS Abstract Test Suite, P1 Protocol A/311 and A/3211

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 28-SEP-90

Issue: OSTC/MHS/ABS/P1/2.0

Comments:

Title: Abstract Test Suite Addendum for MHS-84

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet Address]; directory: public/addenda.ats/mhs-84/mhs84-03.w51

ATS:2-13.4

Protocol: MHS-84{P2}

Message Handling System - 1984, P2 Profile

GOSIP Version: 2
Expire Date:

Comments: Defects exist

Title: MHS Abstract Test Suite, P2

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-SEP-92

Issue: OSTC/MHS/ABS/P2/2.0

Comments:

Title: Abstract Test Suite Addendum for MHS-84

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet Address]; directory: public/addenda.ats/mhs-84/mhs84-04.w51

ATS:2-13.5

MHS-84 Session Protocol:

Message Handling System - 1984, Session Protocol

GOSIP Version: 2

Expire Date:

Comments: This ATS supersedes ATS:2-13.1

Title:

ANNEX A - MHS '84 SPECIFIC PART

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

03-NOV-92 Issue Date:

2.0 Issue:

Comments: This document is Annex A of document 2.

Title: Common Abstract Test Suite for the Session Protocol

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

03-NOV-92 Issue Date:

2.0 Issue.

Comments: Merge this common part with Annex A to form the

MHS-84 test suite.

ATS:2-16.1

Protocol: FTAM{T1}

File Transfer, Access, and Management; Simple File

Transfer Profile

GOSIP Version: 2 Expire Date: Comments:

Title: T1-A/111, Volume 1 (Responder Tests) and Volume 2

(Initiator Tests)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-88

CTS-WAN/FTAM/ABS/FTAM-A111/1.0 Issue:

Comments:

ATS:2-16.10

FTAM Presentation Protocol:

File Transfer, Access, and Management; Presentation

Protocol

GOSIP Version: 2 Expire Date: Comments:

Title: FTAM Presentation Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 11-JAN-91

Issue: OSTC/FTAM/ABS/FTAM/PRES/5.1

Comments:

ATS:2-16.11

Protocol: FTAM Presentation ASN.1

File Transfer, Access, and Management; Presentation

Abstract Syntax Notation One

GOSIP Version: 2 Expire Date: Comments:

Title:

FTAM Presentation ASN.1 Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 13-NOV-91

Issue: OSTC/FTAM/ABS/FTAM/PRES/ASN.1/BER/2.4

Comments:

ATS:2-16.12

Protocol: FTAM Session

File Transfer, Access, and Management; Session Protocol

GOSIP Version: 2 Expire Date: Comments:

Title:

FTAM Session Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 17-SEP-91

Icene.

OSTC/FTAM/ABS/FTAM/SES

Comments:

ATS:2-16.13

FTAM Session R&R Protocol:

File Transfer, Access, and Management; Session Restart

and Recovery

GOSIP Version: 2 Expire Date: Comments:

Title:

FTAM Session Restart and Recovery Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-92

OSTC/FTAM/ABS/FTAM/SES/R&R Issue:

Comments:

ATS:2-16.2

Protocol: FTAM{T1}

File Transfer, Access, and Management; Simple File

Transfer Profile

GOSIP Version: 2 Expire Date: Comments:

Title:

FTAM A/111 (T1) Responder ATS and FTAM A/111

(T1) Initiator ATS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-APR-91

Issue: CTS-WAN/FTAM/ABS/FTAM-A111/2.0, Version 2.0.

Volumes 1 and 2

Comments:

ATS:2-16.3

Protocol:

FTAM{R&R}

File Transfer, Access, and Management; Restart and

Recovery Profile

GOSIP Version: 2 Expire Date: Comments:

Title:

FTAM A/111 Restart and Recovery, Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date:

Issue Date

OSTC/FTAM/ABS/FTAM-A111 R&R/1.0

Comments:

ATS:2-16.4

Protocol: FTAM{R&R}

File Transfer, Access, and Management; Restart and

Recovery

Profile

GOSIP Version: 2 Expire Date:

Comments:

Title: FTAM A/111 Restart and Recovery, Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 29-OCT-91

Issue: OSTC/FTAM/ABS/FTAM-A111 R&R\2.0

Comments:

ATS:2-16.5

Protocol: FTAM{M1}

File Transfer, Access, and Management; Management Profile

GOSIP Version: 2 Expire Date:

Comments:

Title: FTAM A/13 ATS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-90

Issue: FTAM/ABS/FTAM-A13/1.0

Comments:

ATS:2-16.6

Protocol: FTAM{M1}

File Transfer, Access, and Management; Management Profile

GOSIP Version: 2 Expire Date:

Comments:

Title: FTAM A/13 ATS, Version 2.0

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-AUG-91

Issue: FTAM/ABS/FTAM/A13/2.0

Comments:

ATS:2-16.7

Protocol: FTAM{T2}

File Transfer, Access, and Management; Positional File

Transfer Profile

GOSIP Version: 2 Expire Date:

Comments: Defects exist

Title: FTAM A/112 Abstract Test Suite, Volume 1 (A/112

Responder) and Volume 2 (A/112 Initiator)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-92

Issue: OSTC/FTAM/ABS/FTAM-A/112

Comments:

Title: Abstract Test Suite Addendum for FTAM

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/ftam/ftam-07.w51

ATS:2-16.8

Protocol: FTAM{A1}

File Transfer, Access, and Management; Simple File

Access

Profile

GOSIP Version: 2

Expire Date:

Comments: Defects exist

Title: FTAM A/122 Responder Abstact Test Suite (Volume 1) and FTAM A/122 Initator Abstract Test Suite (Volume 2)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-92

Issue: OSTC/FTAM/ABS/FTAM-A/122

Comments:

Title: Abstract Test Suite Addendum for FTAM

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/ftam/ftam-08.w51

ATS:2-16.9

Protocol: FTAM ACSE

File Transfer, Access, and Management; Association

Control

Service Element

GOSIP Version: 2

Expire Date:

Comments: ATS Consists of a common part and a specific annex.

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

OSTC/MHS-88/ABS/ACSE/ALL/1.0 Issue:

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

Title: FTAM ACSE Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-JAN-92

Issue: OSTC/FTAM/ABS/FTAM/ACSE

Comments: This document is Annex D of Document 1. Without

OSTC cover, document is identified as ACSE_CTS2_FTAM.

ATS:2-17

VТ Protocol:

Virtual Terminal

GOSIP Version: 2 Expire Date:

Comments: No registered ATS.

ATS:2-18

Protocol: ES-IS(ES)

End System to Intermediate System in End System

GOSIP Version: 2 Expire Date:

Comments: Defects exist

Title: ES/IS in ES Abstract Test Suite

Organization: Alcatel TITN Answare

Aix-en-Provence France

Issue Date: 01-MAY-93 Issue: Version 1.1

Comments:

Title: Abstract Test Suite Addendum for End System to

Intermediate System

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/atsaddenda/lan-esis/ats/esis

ATS:2-18.A

Protocol: ES-IS(ES)

End System to Intermediate System in End System

GOSIP Version: 2

Expire Date: Comments: JITC deficiencies noted against ATS:2-18.

ES/IS in ES Abstract Test Suite Addendum

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date: 01-MAR-94 Issue: Version 1

Comments:

ATS:2-19

Protocol: CONS

Connection Oriented Network Service

GOSIP Version: 2

Expire Date:

No registered ATS. Comments:

ATS:2-1A

Protocol: HDLC LAP-B

High Level Data Link Control, Logical Access Procedure

В

GOSIP Version: 2
Expire Date:

Comments: This ATS consists of ATS:2-1 as modified by the

documents below.

Title: Instructions to the Editor for the corrections of reported

defects in ISO/IEC 8882-2 and 8882-3

Organization: ISO/IEC JTC1/SC6

USA

Issue Date: 12-FEB-93 Issue: SC6 N 7988

Comments: To be used with Defect Reports referenced within.

ATS:2-2

Protocol: X.25 PLP

X.25 Packet Layer Protocol

GOSIP Version: 2 Expire Date:

Comments: Defects exist

Title: Information Technology-Telecommunications and

Information Exchange Between Systems-X.25-DTE

Conformance Testing-Part 3: Packet Layer

Conformance Test Suite
Organization: ISO/IEC JTC1/SC2/WG2

USA

Issue Date: 16-JAN-91

Issue: ISO/IEC 8882-3:1991(E), First Edition

Comments:

Title: Defect Report to ISO/IEC 8882-3:1991

Organization: ISO/IEC JTC1/SC2/WG2

USA

Issue Date: 01-MAR-92 Issue: X3S3.7/92-49

Comments:

Title: Abstract Test Suite Addendum for X.25

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/x25.isdn/x25.w51

ATS:2-20

Protocol: TP2

Transport Protocol Class 2

GOSIP Version: 2 Expire Date:

Comments: A revised version of this ATS is registered as

ATS:2-20A; defects exist

Title: OSTC Abstract Test Suite, Transport Class 2

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 31-JAN-91

Issue: OSTC/T&S/ABS/TR2/CS/2.0

Comments:

Title: Abstract Test Suite Addendum for Transport

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/transprt/tp2-

jars.w51

ATS:2-20A

Protocol: TP2

Transport Protocol Class 2

GOSIP Version: 2 Expire Date:

Comments: Minor revisions of ATS:2-20

Title: OSTC Abstract Test Suite, Transport Class 2

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date:

Issue: OSTC/T&S/ABS/TR2/CS/2.1

Comments:

ATS:2-21.1

Protocol: HDLC LAP-D

High Level Data Link Control, Logical Access Procedure

D

GOSIP Version: 2 Expire Date:

Comments: Used in ISDN D Channel layer 2.

Title: Integrated Services Digital Network Conformance Testing;

Layer 2 - Data Link Layer (LAPD); Part 1 - Basic Rate

Interface, User Side

Organization: National Institute of Standards and Technology (NIST)

Issue Date: 01-SEP-93

Issue: NIST Special Publication 823-4

Comments: This publication describes the LAP-D ATS for ISDN
D Channel Layer 2 as developed and approved by the ISDN

Conformance Testing (ICOT) Working Group of the NIUF

ATS:2-2A

Protocol: X.25 PLP

X.25 Packet Layer Protocol

GOSIP Version: 2 Expire Date:

Comments: This ATS consists of ATS:2-2 as modified by the

documents below.

Title: Instructions to be Editor for the corrections of reported

defects in ISO/IEC 8882-2 and 8882-3

Organization: ISO/IEC JTC1/SC6

Issue Date: 12-FEB-93 Issue: SC6 N 7988

Comments: To be used with Defect Reports referenced within.

ATS:2-3

Protocol: MAC & PLS [ISO 8802/3]

Medium Access Control and Physical Layer Signaling [ISO

8802/3]

GOSIP Version: 2 Expire Date:

Comments: Incorporates four test suites submitted by Corporation

for Open Systems (COS) International in October 1989

Title: 802.3 Draft Abstract Test Suite for GOSIP Version 1

Organization: National Institute of Standards and Technology (NIST)

Building 225, Room B151 Gaithersburg, MD 20899

Issue Date: 01-AUG-90

Issue: Comments:

ATS:2-4

Protocol: MAC & PLS [ISO 8802/4]

Medium Access Control and Physical Layer Signaling [ISO

8802/4]

GOSIP Version: 2 Expire Date: Comments:

Title: 802.4 MAC Sublayer Conformance Test System Test Case

Reference Guide

Organization: Corporation for Open Systems International Test

Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: 01-MAR-88

Issue: COS/TPD-88/008, Issue 1

Comments:

ATS:2-5

Protocol: MAC & PLS [ISO 8802/5]

Medium Access Control and Physical Layer Signaling [ISO

8802/5]

GOSIP Version: 2 Expire Date:

Comments: No Registered ATS

ATS:2-6

Protocol: LLC-1

Logical Link Control Type 1

GOSIP Version: 2 Expire Date: Comments:

Title: 802.2 LLC (Type 1) Abstract Test Suite Submission

(extract from 802.3 10BASE5 Layer 2 Test System

Results Analysis Guide - LLC Sublayer)

Organization: Corporation for Open Systems International Test

Center

8260 Willow Oaks Corp Drive, Suite 700

Fairfax, VA 22031

Issue Date: 01-AUG-90

Issue: Issue 1

Comments:

Protocol: CLNP{ES}

Connectionless Network Protocol, End System

GOSIP Version: 2 Expire Date:

Comments: Defects exist

Title: Internet Protocol Tests and Testing Guide for ISO 8473

Connectionless Network Protocol Implementations

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-JUL-90

Issue: NCC/TPD-90/003, Issue 2

Comments:

Title: Abstract Test Suite Addendum for Connectionless

Network

Protocol (ES)

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/atsaddenda/lan-esis/ats/cenp

ATS:2-7.1

CLNP{IS} Protocol:

Connectionless Network Protocol, Intermediate System

GOSIP Version: 2 Expire Date:

Defects exist Comments:

Title: Interim Abstract Test Suite for CLNP Intermediate

Systems Testing

Organization: National Institute of Standards and Technology (NIST)

Building 225, Room B151 Gaithersburg, MD 20899

Issue Date: 30-OCT-90

Issue. Comments:

Title: Abstract Test Suite Addendum for Connectionless

Network Protocol (IS)

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/atsaddenda/lan-esis/ats/cenp

ATS:2-8

Protocol: TP0

Transport Protocol Class 0

GOSIP Version: 2 Expire Date:

Comments: A revised version of this ATS is registered as

ATS:2-8A; defects exist

Title: OSTC Abstract Test Suite, Transport Class 0

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 31-JAN-91

OSTC/T&S/ABS/TR0/CS/2.0 Issue:

Comments:

Title: Abstract Test Suite Addendum for Transport

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: **Ouarterly**

anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/transprt/tpo-

jars.w51

ATS:2-8A

TP0 Protocol:

Transport Protocol Class 0

GOSIP Version: 2 Expire Date:

Comments: Minor revision of ATS 2-8

OSTC Abstract Test Suite, Transport Class 0 Organization: Open Systems Testing Consortium Secretariat

> Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date:

OSTC/T&S/ABS/TRO/CS/2.1 Issue:

Comments:

ATS:2-9.1

Protocol: TP4-CLNS

Transport Protocol Class 4 Over Connectionless Network

Service

GOSIP Version: 2

Expire Date:

Comments: New ATS under development by EWOS; defects exist

Transport Class 4 over CLNS Abstract Test Suite Title:

Organization: Alcatel TITN Answare Aix-en-Provence France

Issue Date: 07-MAY-92 Version 2.2 Issue:

Comments:

Abstract Test Suite Addendum for Transport

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/addenda.ats/transprt/t4l-

jars.w51

ATS:2-9.2

TP4 Protocol:

Transport Protocol Class 4

GOSIP Version: 2 Expire Date:

Comments:

New ATS under development by EWOS; defects exist

Title: Transport Class 4 Tests and Testing Guide for ISO 8073

Transport Class 4 Implementations

Organization: National Computing Centre Limited

Oxford Road

Manchester M17ED United Kingdom

Issue Date: 01-MAY-92

Issue: ISG-DEV-008-10-004, Issue 5

Comments:

Title:

Abstract Test Suite Addendum for Transport

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address; directory: public/addenda.ats/transprt/tp4-

iars.w51

ATS:2-9.3

TP4-CONS Protocol:

Transport Protocol Class 4 Over Connection Oriented

Network Service

GOSIP Version: 2

Expire Date:

Comments: New ATS under development by EWOS; defects exist

Title: Transport Class 4 over CONS Abstract Test Suite

Organization: Alcatel TITN Answare

Aix-en-Provence France

Issue Date: 30-SEP-91

Version 2.0 Issue:

Comments:

Title: Abstract Test Suite Addendum for Transport

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/addenda.ats/transprt/t4o-

iars.w51

ATS:3-22 1 1

Protocol: MHS-88 Session

Message Handling System - 1988, Session

GOSIP Version: 3

Expire Date: 01-FEB-94

Comments:

Superseded by ATS:3-22.1.2

Title: MHS-88 DSE Session ATS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12

B-1050 Brussels Belgium

Issue Date: 20-DEC-90

Issue. MHS-88/ABS/SES/DSE/1.0

Comments:

ATS:3-22.1.2

MHS-88 Session Protocol:

Message Handling System - 1988, Session

GOSIP Version: 3

Expire Date:

Comments: Supersedes ATS:3-22.1.1; defects exists

Title: ANNEX B - MHS '88 SPECIFIC PART

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 03-NOV-92

Issue: 20

Comments: This document is Annex B of document 2.

Title: Common Abstract Test Suite for the Session Protocol

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 03-NOV-92

Issue: 2.0

Comments: Merge this common part with Annex B to form the

full

MHS-88 test suite.

Title: Abstract Test Suite Addendum for MHS-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/addenda.ats/mhs-88/mhs88-02.w51

ATS:3-22.2.1

MHS-88 {PRES-MH} Protocol:

Message Handling System - 1988, Presentation - MH

GOSIP Version: 3

Expire Date:

Title:

Comments:

ATS consists of a specific annex and a common part.

MHS '88 Presentation Abstract Test Suite MH (88) Part

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 20-DEC-91

OSTC/MHS-88/ABS/PRES/MH/1.0 Issue:

Comments: This document is Annex A of document 2. Without

OSTC cover, document is identified as CTS2/XMHS/MH/PRES/ATS/V3.1

Title: MHS '88 Presentation - Common Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 20-DEC-91

Issue: OSTC/MHS-88/ABS/PRES/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2/XMHS/ALL/PRES/ATS/V4.0 CTS2_XX_PRES

ATS:3-22.3.1

Protocol: MHS-88 (ACSE-MH)

Message Handling System -1988, Association Control

Service Element - MH

GOSIP Version: 3
Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite MH

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 04-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/MH/1.0

Comments: This is Annex C of Document 2. Without OSTC

cover,

document is identified as

ACSE_ATS_MHS_SPECIFIC_PART V2.03.

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.3.2

Protocol: MHS-88 {ACSE-P3-UA}

Message Handling System - 1988, Association Control

Service Element-P3-UA

GOSIP Version: 3 Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite P3-UA

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/RA/1.0

Comments: This is Annex B4 of Document 2. Without OSTC

cover, document is identified as

ACSE_ATS_RA_SPECIFIC_PART P3-UA V2.03

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.3.3

Protocol: MHS-88 (ACSE-P3-MTA)

Message Handling System - 1988, Association Control

Service Element-P3-MTA

GOSIP Version: 3
Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite P3-MTA

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/RA/1.0

Comments: This is Annex B5 of Document 2. Without OSTC

cover, document is identified as

ACSE_ATS_RA_SPECIFIC_PART P3-MTA V2.03

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.3.4

Protocol: MHS-88 {ACSE-P3-MS}

Message Handling System - 1988, Association Control

Service Element-P3-MS

GOSIP Version: 3

Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite P3-MS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/RA/1.0

Comments: This is Annex B3 of Document 2. Without OSTC

cover, document is identified as

ACSE ATS RA SPECIFIC PART P3-MS V2.03

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.3.5

Protocol: MHS-88 {ACSE-P7-UA}

Message Handling System - 1988, Association Control

Service Element-P7-UA

GOSIP Version: 3

Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite P7-UA

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/RA/1.0

Comments: This is Annex B2 of Document 2. Without OSTC

cover, document is identified as

ACSE_ATS_RA_SPECIFIC_PART P7-UA V2.03

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.3.6

Protocol: MHS-88 (ACSE-P7-MS)

Message Handling System - 1988, Association Control

Service Element-P7-MS

GOSIP Version: 3

Expire Date:

Comments: ATS consists of a specific annex and a common part.

Title: MHS '88 ACSE Abstract Test Suite P7-MS

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-DEC-91

Issue: OSTC/MHS-88/ABS/ACSE/RA/1.0

Comments: This is Annex B1 of Document 2. Without OSTC

cover, document is identified as

ACSE_ATS_RA_SPECIFIC_PART P7-MS V2.03

Title: MHS '88 ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 05-SEP-91

Issue: OSTC/MHS-88/ABS/ACSE/ALL/1.0

Comments: Without OSTC cover, document is identified as

CTS2-ACSE V2.02

ATS:3-22.4

Protocol: MHS-88 {RTSE}

Message Handling System - 1988, Reliable Transfer

Service

Element

GOSIP Version: 3

Expire Date:

Comments: Defects exist

Title: MHS '88 RTSE Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 15-OCT-91

Issue: OSTC/MHS-88/ABS/RTSE/1.0

Comments: Without OSTC cover, document is identified as

CTS2/XMHS/MH/RTSE/ATS/V6.0

Title: Abstract Test Suite Addendum for MHS-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/mhs-88/mhs88-14.w51

ATS:3-22.5

Protocol: MHS-88 {P1}

Message Handling System - 1988, P1 Profile

GOSIP Version: 3
Expire Date:

Comments: Defects exist

Title: MHS '88 P1 Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 08-JAN-92

Issue: OSTC/MHS-88/ABS/P1/1.0

Comments: Without OSTC cover, document is identified as

CTS2/XMHS/MH/P1/ATS/V2.5.

Title: Abstract Test Suite Addendum for MHS-88

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305

Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Ouarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet Address]; directory: public/addenda.ats/mhs-88/mhs88-15.w51

ATS:3-22.6

MHS-88 {P2} Protocol:

Message Handling System - 1988, P2 Profile

GOSIP Version: 3 Expire Date:

Comments: Defects exist

Title: MHS '88 P2 Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 26-MAY-91

Issue: OSTC/MHS-88/ABS/P2/1.0

Comments: Without OSTC cover, this document is identified as

CTS2/ XMHS/MH/P2/ATS/V3.2

Title: Abstract Test Suite Addendum fro MHS-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue:

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/mhs-88/mhs88-16.w51

ATS:3-22.7.1

MHS-88 {P3-UA} Protocol:

Message Handling System - 1988, P3-UA Profile

GOSIP Version: 3 Expire Date: Comments:

Title: MHS '88 P3-UA Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 30-SEP-91

OSTC/MHS-88/ABS/P3-UA/1.0 Issue:

Comments: Without OSTC cover, document is identified as

CTS2/XMHS/RA/P3-UA/ATS/V4.0

ATS:3-22.7.2

MHS-88 {P3-MTA} Protocol:

Message Handling System - 1988, P3-MTA Profile

GOSIP Version: 3 Expire Date: Comments:

Title: MHS '88 P3-MTA Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 18-SEP-91

OSTC/MHS-88/ABS/P3-MTA/1.0 Issue:

Without OSTC cover, document is identified as Comments:

CTS2/XMHS/RA/P3-MTA/ATS/V4.0

ATS:3-22.8.1

Protocol: MHS-88 {P7-UA}

Message Handling System - 1988, P7-UA Profile

GOSIP Version: 3 Expire Date: Comments:

MHS '88 P7-UA Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 18-SEP-91

OSTC/MHS-88/ABS/P7-UA/1.0 Issue:

Without OSTC cover, document is identified as Comments:

CTS2/XMHS/RA/P7-UA/ATS/V4.0

ATS:3-22.8.2

MHS-88 {P7-MS} Protocol:

Message Handling System - 1988, P7-MS Profile

GOSIP Version: 3 Expire Date: Comments:

Title: MHS '88 P7-MS Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 19-SEP-91

OSTC/MHS-88/ABS/P7-MS/1.0 Issue:

Without OSTC cover, document is identified as Comments:

CTS2/XMHS/RA/P7-MS/ATS/V4.0

ATS:3-23

X.500-93 Protocol:

Directory Services

GOSIP Version: 3 Expire Date:

Comments: No Registered ATS. NIST plans to establish a

conformance testing infrastructure for Directory Services.

ATS:3-23.1

Protocol: X.500-88 SESSION

X.500-88 Directory Services - Session

GOSIP Version: 3

Expire Date:

Comments: Refer to the ATS addendum for any applicable JARs

Title: Session Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-SEP-91

Issue: OSTC/DS/ABS/SESS/1.01 (PUB: 216)

Comments: Without OSTC cover, document is identified as CTS2

Version: 2.3 and Amendment 01.

Title: Abstract Test Suite Addendum for Directory Services-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/addenda.ats/x500-88/ds88-06

ATS:3-23.2.1

Protocol: X.500-88 PRESENTATION DS

X.500-88 Directory Services - Presentation - DS

GOSIP Version: 3

Expire Date:

Comments: ATS consists of a specific annex and a common part.

Refer to the ATS addendum for any applicable JARs.

Defects exist.

Title: Presentation Abstract Test Suite (Specific Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-DEC-91

Issue: OSTC/DS/ABS/PRES/1.01 (PUB: 215)

Comments: Without OSTC cover, document is identified as CTS2

Version: 4.0 and Amendment 01.

Title: Presentation Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date:

Issue: OSTC/ALL/ABS/PRES/1.0

Comments: Without OSTC cover, document is identified as CTS2

Version: 4.0

Title: Abstract Test Suite Addendum for Directory Services-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

Comments: anonymous ftp to 138.27.7.2, password: [use Internet

Address]; directory: public/atsaddenda/X500-88/DS88-04

ATS:3-23.3.1

Protocol: X.500-88 ACSE DS

X.500-88 Directory Services - ACSE - DS

GOSIP Version: 3

Expire Date:

Comments: ATS consists of a specific annex and a common part.

Refer to the ATS addendum for any applicable JARs.

Title: ACSE Abstract Test Suite (Specific Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-DEC-91

Issue: OSTC/DS/ABS/ACSE/1.0 (PUB: 300)

Comments: Without OSTC cover, document is identified as CTS2

Version 2.03.

Title: ACSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date:

Issue: OSTC/ALL/ABS/ACSE/1.0

Comments: Without OSTC cover, document is identified as CTS2

Version: 2.02

ATS:3-23.4.1

Protocol: X.500-88 ROSE DS

X.500-88 Directory Services - ROSE - DS

GOSIP Version: 3

Expire Date:

Comments: ATS consists of specific annex & common part. Note

that

specific part does not contain any ATCs; however, the

DAP

DUA/DSA ATSs do contain some ROSE test cases.

Title: ROSE Abstract Test Suite (Specific Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-SEP-90

Issue: OSTC/DS/ABS/ROSE/1.0 (PUB: 211)

Comments: Without OSTC cover, document is identified as CTS2

Version 2.0

Title: ROSE Abstract Test Suite (Common Part)

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-SEP-90

OSTC/ALL/ABS/ROSE/1.0 Issue:

Without OSTC cover, document is identified as CTS2 Comments:

Version: 2.0

ATS:3-23.5.1

Protocol: X.500-88 DAP DSA

X.500-88 Directory Services - DAP DSA

GOSIP Version: 3 Expire Date:

Comments: Refer to the ATS addendum for any applicable JARs;

defects exist.

Title: DAP/DSA Abstract Test Suite

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-NOV-92

Issue: OSTC/DS/ABS/DSA/1.01 (PUB: 209)

Comments: None

Title: Abstract Test Suite Addendum for Directory Services-88

Organization: Joint Interoperability Test Center ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/atsaddenda/X500-88/DS88-01

ATS:3-23.5.2

X.500-88 DAP DUA Protocol:

X.500-88 Directory Services - DAP DUA

GOSIP Version: 3 Expire Date:

Comments: Refer to the ATS addendum for any applicable JARs;

defects exist.

DAP/DUA Abstract Test Suite Title:

Organization: Open Systems Testing Consortium Secretariat

Rue du Trone, 12 B-1050 Brussels Belgium

Issue Date: 01-SEP-93

Issue: OSTC/DS/ALL/ABS/DUA/1.03 (PUB: 208)

Comments: Without OSTC cover, document is identified as ITU-TS

ATS4.1 DAP-DUA Manual, Version: 1.03. [X.500-88]

Title: Abstract Test Suite Addendum for Directory Services-88

Organization: Joint Interoperability Test Center

ATTN: TCDBA, Bldg. # 57305 Ft. Huachuca, AZ 85613-7020

Issue Date:

Issue: Quarterly

anonymous ftp to 138.27.7.2, password: [use Internet Comments:

Address]; directory: public/atsadenda/X500-88/DS88-02

ATS:3-24-1

Protocol: **MMS**

Manufacturing Message Specification

GOSIP Version: 2 Expire Date: Comments:

Title: MMS Provider Test Specifications

Organization: Consortium for Communication Testing, c/o ACERLI

5 Voie Verte

92260 Fontenay-aux-Roses France

Issue Date: 20-MAR-92

Issue: MMS Provider, Ver 2.1

Comments:

ATS:3-24-2

Protocol: **MMS**

Manufacturing Message Specification

GOSIP Version: 2 Expire Date: Comments:

Title: MMS Server/Client Test Suite Structure and Test Purposes

Organization: Consortium for Communication Testing, c/o ACERLI

5 Voie Verte

92260 Fontenay-aux-Roses France

Issue Date: 10-DEC-92

Issue: MMS Server/Client, Ver. 1.2

Comments:

ATS:3-25

Protocol: X.500-93 DS

X.500-93 Directory Services

GOSIP Version: 3 Expire Date:

Comments:

No Registered ATS. NIST plans to establish a

conformance testing infrastructure for X.500-93 as soon

as ATSs are available.

6. NIST POSIX CONFORMANCE TESTING

6.1 FIPS POSIX Standard

The National Institute of Standards and Technology through its Computer Systems Laboratory (NIST/CSL) has established a conformance testing program for the Federal Information Standard for POSIX (FIPS 151-1 and FIPS 151-2). FIPS 151-2 replaced FIPS 151-1 in its entirely on October 15, 1993. These standards are based on the IEEE POSIX Std. 1003.1-1988 (FIPS 151-1) and ISO/IEC 9945-1:1990 (FIPS 151-2). The testing model includes a Certification Authority, NVLAP Accredited Testing Laboratories, Clients and the official NIST POSIX Conformance Test Suites. The Certification Authority is the Director of NIST/CSL. The National Voluntary Laboratory Accreditation Program (NVLAP), part of NIST, accredits the testing laboratories. The test suites NIST-PCTS:151-1 and NIST-PCTS:151-2 were developed by NIST/CSL and are based on the test assertions specified by the IEEE Standard for Information Technology — Test Methods for Measuring Conformance to POSIX, IEEE Std. 1003.3-1991 (NIST-PCTS:151-1) and the IEEE Standard for Information Technology — Test Methods for Measuring conformance to POSIX.1, IEEE Std 2003.1-1992 (NIST-PCTS:151-2).

6.2 POSIX Test Procedures

There are Accredited POSIX Testing Laboratories (APTLs) accredited by NVLAP for using one or both test suites. NVLAP accreditation is renewable after one year, and identifies the specific testing procedures which the lab is authorized to run. The labs provide testing and analysis services to their clients and may forward the final test results to NIST/CSL for evaluation and subsequent issuance of a Certificate of Validation by NIST/CSL.

Testing policy documents and registers of validated products and accredited laboratories and available on an electronic mail (email) file server system. For most email systems, send an email message to posix@nist.gov (mail posix@nist.gov). The first line of the message should contain a command to send index (send index). After issuing the send command and a carriage return, end the email message. A listing of all of the available files will be returned via email to the requesting email address.

6.3 POSIX Test Suite

The NIST-PCTS:151-2 is available from NIST/CSL, POSIX Certification Authority, Building 225 Room B266, National Institute of Standards and Technology, Gaithersburg, MD 20899.

6.4 Validation Requirements

An accredited lab may submit a "clean" test report to NIST/CSL for evaluation in anticipation of a Certification of Validation being issued. "Clean" implies no test assertion failures. The Certificate of Validation will confirm that the stated product has been tested using the official NIST-PCTS and that the test results have been validated by NIST/CSL. The Certificate of Validation and the Test Results Summary contain information on the product tested, the implementation that was tested, the suppliers, conditional features that were tested, configuration details and the identification of the testing laboratory. These certificates are issued by NIST/CSL through the testing lab. Fees for services by the testing labs are established by the labs.

6.5 TESTING LABORATORIES for NIST POSIX (FIPS 151-1)

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-1 (FIPS 151-1) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-1). Only accredited laboratories may submit test reports to NIST/CSL for validation.

ACCREDITED NIST POSIX TESTING LABORATORIES

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-1 (FIPS 151-1) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-1). Only accredited laboratories may submit test reports to NIST/CSL for validation.

BULL S.A. / Laboratoire POSIX 1 rue de Provence / BP208 38432 ECHIROLLES CEDEX (France)

DataFocus Incorporated 12450 Fair Lakes Circle, Suite 400 Fairfax, VA 22033-3831

Mindcraft, Inc. 410 Cambridge Avenue Palo Alto, CA 94306

PERENNIAL 4699 Old Ironsides Drive, Suite 210 Santa Clara, CA 95054 Contact: Mr. Georges Chardon Phone: (33) 76 39 75 93

Contact: Mr. Glen McPherson Phone: 703-631-6770

Contact: Mr. Bruce Weiner Phone: 415-323-9000

Contact: Mr. Barry E. Hedquist Phone: 408-748-2900

6.6 VALIDATED PRODUCTS for NIST POSIX (FIPS 151-1)

NIST POSIX VALIDATED PRODUCTS

The following products have been tested by an Accredited POSIX Testing Laboratory (APTL) using the official National Institute of Standards and Technology POSIX Conformance Test Suite (NIST-PCTS:151-1) for the Federal Information Processing Standards Publication 151-1 (FIPS PUB 151-1). A Certificate of Validation has been issued by NIST/CSL. Additional information is available from NIST/CSL on conditional features supported, configuration details, and resolved test codes (if appropriate).

PRODUCT SUPPLIERS	REFERENCE FILE #	SYSTEM SUPPLIERS	REFERENCE FILE #
Amdahl Corporation	AMD5598	AGI Computer, Inc.	EVR0901
Apple Computer Inc.	APP2482, APP3355, APP7204, APP7224,	Alpha Systems Lab	SUN3403
, pp. 00p2.00.	APP7235, APP8616, APP9125, APP9165	Amdahl Corporation	AMD5598
AT&T	ATT1566	Apple Computer Inc.	APP2482, APP3355, APP7204, APP7224,
BULL S.A.	BUL2387, BUL6051		APP7235, APP8616, APP9125, APP9165
Control Data Corporation	CDC1101, CDC5574, CDC5750	AST Research, Inc.	SCO4102, UNV3055, UNV9180, USL2115,
CONVEX Computer Corpora			USL6259
Cray Research, Inc.	CRA2641	AT&T	ATT1566, USL3610
Data General Corporation	DGC2542, DGC4767, DGC8016, DGC8703,	BULL S.A.	BUL2387, BUL6051
	DGC9391, DGC9574	Compaq Computer Corporat	ion INT5154, LNX3076, SUN6859
Digital Equipment Corp.	DEC0319, DEC0638, DEC4670, DEC5794,	Control Data Corporation	CDC1101, CDC5574, CDC5750
	DEC7386, DEC7833, DEC7917, DEC8003,	CONVEX Computer Corp.	CON0202, CON2551, CON6027
	DEC9418, DEC9672	Cray Research, Inc.	CRA2641
Encore Computer Corporation	·	Data General Corporation	DGC2542, DGC4767, DGC8016, DGC8703,
ESIX/Everex Systems, Inc.	EVR0901, EVR9749		DGC9391, DGC9574, SCO6748
Harris Corporation	HAR5240	Dell Computer Corporation	SUN1065
Hewlett-Packard Company	HPC0115, HPC0303, HPC0535, HPC0603,	Diamond Flower Incorporate	d SCO3664, SCO8054
,,,,,,,,	HPC1581, HPC1992, HPC2540, HPC2698,	Digital Equipment Corp.	DEC0319, DEC0638, DEC4670, DEC5794,
	HPC2952, HPC3574, HPC3760, HPC3897,		DEC7386, DEC7833, DEC7917, DEC8003,
	HPC4246, HPC6304, HPC6391, HPC6637,		DEC9418, DEC9672
	HPC6906, HPC7051, HPC7716, HPC8098,	Encore Computer Corporation	n ENC6897
	HPC9185	ESIX/Everex Systems, Inc.	EVR9749
Interactive Systems Corp.	INT5154	Harris Corporation	HAR5240
Intergraph Corporation	INT4675	Hewlett-Packard Company	HPC0115, HPC0303, HPC0535, HPC1581,
International Business Machi			HPC1992, HPC2540, HPC2698, HPC2952,
	IBM2592, IBM3697		HPC3574, HPC3760, HPC3897, HPC4246,
Lynx Real-Time Systems, Inc			HPC0603, HPC6304, HPC6391, HPC6637,
Modular Computer Systems,			HPC6906, HPC7051, HPC7716, HPC8098,
Motorola Computer Group	MOT1086, MOT5618		HPC9185
NCR Corporation	NCR0554, NCR1448, NCR2047, NCR2805,	Intergraph Corporation	INT4675
	NCR3061, NCR3331, NCR4518, NCR5533,	International Business Machi	nes IBM0320, IBM0458, IBM1344, IBM2592,
	NCR7380, NCR7549		IBM3697
NeXT Computer, Inc.	NXT0623	Modular Computer Systems,	
Pyramid Technology Corpora	ation PYR1271, PYR3067, PYR3233,	Motorola Computer Group	MOT1086, MOT5618
	PYR4970, PYR9863	NCR Corporation	NCR0554, NCR1448, NCR2047, NCR2805,
Santa Cruz Operation Inc.	SCO3664, SCO3832, SCO4102, SCO5199,		NCR3061, NCR3331, NCR4518, NCR5533,
	SCO6748, SCO8054, SCO9875		NCR7380, NCR7549
Sequent Computer Systems	Inc. SEC8754	NeXT Compputer, Inc.	NXT0623
Silicon Graphics, Inc.	SGI5507, SGI9297	Pyramid Technology Corp.	PYR1271, PYR3067, PYR3233, PYR4970,
Sun Microsystems Compute	r Corp. SUN1065, SUN1442, SUN2031,		PYR9863
	SUN2727, SUN2930, SUN3272,	RDI	SUN3402
	SUN3402, SUN5684, SUN5782,	Sequent Computer Systems	
	SUN5970, SUN6602, SUN7188,	Silicon Graphics, Inc.	SGI5507, SGI9297
	SUN7793	Sun Microsystems Corp.,	SUN0617, SUN1442, SUN2031, SUN2241,
SunSoft, Inc.	SUN0617, SUN2241, SUN3129, SUN3403,		SUN2727, SUN2930, SUN3129, SUN3272,
	SUN4529, SUN5382, SUN6635, SUN6859,		SUN4529, SUN5382, SUN5684, SUN5782,
	SUN8720, SUN9763		SUN5970, SUN6602, SUN6635, SUN7188,
Unisys Corporation	UNI0505, UNI1798, UNI3690, UNI5711,		SUN7793, SUN8720, SUN9763
	UNI9063, UNI9080	Unisys Corporation	SCO9875, UNI0505, UNI1798, UNI3690,
Univel	UNV0528, UNV2014, UNV3055, UNV3978,		UNI5711, UNI9063, UNI9080, UNV0528,
	UNV9180		UNV2014, UNV3978
UNIX System Laboratories	USL2115, USL3610, USL6259	Zenith Data Systems	SCO3832, SCO5199

Reference File #: AMD5598

Product Supplier: Amdahl Corporation

Product Tested: UTS System Version: 4 Release: 1

System Supplier: Amdahl Corporation System Hardware: 5995M Model: 4550

C Compiler: Amdahl C Version: 1.5 Release: June, 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 07/23/93

Reference File #: APP2482

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991

System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: Ilfx

C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 1/13/1991

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP3355

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 3.0 Release: March 9, 1992

System Supplier: Apple Computer Inc.

System Hardware: Macintosh Model: Quadra 700

C Compiler: A/UX native C compiler (cc) Ver: 1.23 Rel: Feb 9, 1992

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 04/16/92

Reference File #: APP7204

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 3.0.1 Release: April 23, 1993

System Supplier: Apple Computer Inc.

System Hardware: Workgroup Server Model: 80

C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: Apr 1, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: APP7224

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 3.0 Release: March 9, 1992

System Supplier: Apple Computer Inc.

System Hardware: Macintosh Model: Quadra 950

C Compiler: A/UX native C compiler (cc) Ver: 1.23 Rel: Feb 9, 1992

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/14/92

Reference File #: APP7235

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991 Supplier: Apple Computer Inc. Hardware: Macintosh Model: Ilci C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 01/13/1991

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP8616

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991 Supplier: Apple Computer Inc. Hardware: Macintosh Model: Ilsi C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 01/13/1991

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP9125

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 3.0 Release: March 9, 1992

System Supplier: Apple Computer Inc.

System Hardware: Macintosh Model: Quadra 700

C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: April 1, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc.

Date Issued: 08/11/92

Reference File #: APP9165

Product Supplier: Apple Computer Inc.

Product Tested: A/UX Version: 3.0 Release: March 9, 1992

System Supplier: Apple Computer Inc.

System Hardware: Macintosh Model: Quadra 950

C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: Apr 1, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 08/11/92

Reference File #: ATT1566

Product Supplier: AT&T

Product Tested: AT&T UNIX System V Ver: Release 4 Rel: 4.0.3

System Supplier: AT&T

System Hardware: AT&T 3B2 R3 Series Model: 3B2/600 GR C Compiler: AT&T 3B2/RISC C Development System Version: 1.0

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0343 DataFocus Incorporated Date Issued: 11/06/91

Reference File #: BUL2387

Product Supplier: BULL S.A.

Product Tested: BOS Version: 2 Release: 1

System Supplier: BULL S.A.

System Hardware: DPX/2 Model: 200 C Compiler: C Compiler Version: 72 Release: 1

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0373 BULL S.A./Laboratoire POSIX Date Issued: 2/24/93

Reference File #: <u>BUL6051</u>

Product Supplier: BULL S.A.

Product Tested: BOS/X Version: 3 Release: 2

System Supplier: BULL S.A.

System Hardware: DPX/20 Model: 620

C Compiler: BOS/X XLC C Compiler Version: 1 Release: 02

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0373 BULL S.A./Laboratoire POSIX Date Issued: 1/22/93

Reference File #: CDC1101

Product Supplier: Control Data Corporation

Product Tested: EP/IX Version: 1.4.2 Release: November 27, 1991

System Supplier: Control Data Corporation

System Hardware: Control Data 4000 Model: 4680MP

C Compiler: EP/IX C Language RISCompiler V: C 2.11 Rel: July 1990

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0356 Applications Software Incorporated Date Issued: 1/29/92

Reference File #: CDC5574

Product Supplier: Control Data Corporation

Product Tested: EP/IX Version: 1.3.1 Release: 03/21/1991

System Supplier: Control Data Corporation

System Hardware: Control Data 4000 Model: 4330-250

C Compiler: EP/IX C Language RISCompiler Version: 2.11 Release:

July 1990

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0356 Applications Software Incorporated Date Issued:

05/24/91

Reference File #: CDC5750

Product Supplier: Control Data Corporation

Product Tested: EP/IX Version: 1.3.1 Release: 03/21/1991

System Supplier: Control Data Corporation

System Hardware: Control Data 4000 Model: 4680

C Compiler: EP/IX C Language RISCompiler Version: 2.11 Release:

07/16/1990

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0356 Applications Software Incorporated Date Issued:

05/24/91

Reference File #: CON0202

Product Supplier: CONVEX Computer Corporation

Product Tested: ConvexOS Version: 10.1 Release: C200 Series

System Supplier: CONVEX Computer Corporation

System Hardware: C2 Model: C220 C Compiler: CONVEX C Version: 4.3.2 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CON2551

Product Supplier: CONVEX Computer Corporation

Product Tested: ConvexOS Version: 10.1 Release: C3800 Series

System Supplier: CONVEX Computer Corporation System Hardware: C38 Model: C3810 C Compiler: CONVEX C Version: 4.3.2 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CON6027

Product Supplier: CONVEX Computer Corporation

Product Tested: ConvexOS Version: 10.1 Release: C3400 Series

System Supplier: CONVEX Computer Corporation System Hardware: C34 Model: C3440 C Compiler: CONVEX C Version: 4.3.2 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CRA2641

Product Supplier: Cray Research, Inc.

Product Tested: UNICOS Version: 7.0.5.bu Release: 7.0

System Supplier: Cray Research, Inc.

System Hardware: Cray Y-MP Model: YMP2E/232-4

C Compiler: Cray Standard C Compiler Release: 3.0.5 (5/20/93)

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 10/14/93

Reference File #: DEC0319

Product Supplier: Digital Equipment Corporation

Product Tested: DEC OSF/1 Version: 1.2 Release: March 1993

System Supplier: Digital Equipment Corporation System Hardware: DEC/3000 Model: 500

C Compiler: DEC OSF/1 for AXP C Compiler Version: 1 Release:

March 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 03/10/93

Reference File #: DEC0638

Product Supplier: Digital Equipment Corporation

Product Tested: VMS Version: 5 Release: 5 (with VMS POSIX,

version 1.0)

System Supplier: Digital Equipment Corporation System Hardware: VAXstation Model: 3100 M76

C Compiler: VAX C Version: 3 Release: 2 PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0343 DataFocus Incorporated Date Issued: 01/29/92

Reference File #: DEC4670

Product Supplier: Digital Equipment Corporation

Product Tested: The ULTRIX Operating System Version: 4.3A

Release: July 1993

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 5000/150

C Compiler: Mips C Compiler Version: 3.0 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: DEC5794

Product Supplier: Digital Equipment Corporation

Product Tested: ULTRIX Version: 4.2 Release: May 31, 1991

System Supplier: Digital Equipment Corporation System Hardware: VAXstation II Model: GPX

C Compiler: pcc Version: 4.2 PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 06/17/91

Reference File #: DEC7386

Product Supplier: Digital Equipment Corporation

Product Tested: The ULTRIX Operating System Version: 4.3

Release: August 1992

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 5000/200

C Compiler: Mips C Compiler Version: 2.10 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 09/18/92

Reference File #: DEC7833

Product Supplier: Digital Equipment Corporation

Product Tested: OpenVMS VAX Version: 6 Release: 0 (with

OpenVMS VAX POSIX, Version

System Supplier: Digital Equipment Corporation System Hardware: VAXstation Model: 3100 M76

C Compiler: VAX C Version: 3 Release: 2 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 10/14/93

Reference File #: DEC7917

Product Supplier: Digital Equipment Corporation

Product Tested: the ULTRIX Operating System Version: 4.2A

Release: November 18, 1991

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 3100 C Compiler: MIPS C Compiler Version: 2.10

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0342 Mindcraft, Inc. Date Issued: 12/06/91

Reference File #: DEC8003

Product Supplier: Digital Equipment Corporation

Product Tested: The ULTRIX Operating System Version: 4.3A

Release: July 1993

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 5000/260

C Compiler: Mips C Compiler Version: 3.0 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: DEC9418

Product Supplier: Digital Equipment Corporation

Product Tested: ULTRIX Version: 4.2 Release: May 31, 1991

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 3100 C Compiler: MIPS C Compiler Version: 2.10

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 06/17/91

Reference File #: DEC9672

Product Supplier: Digital Equipment Corporation

Product Tested: The ULTRIX Operating System Version: 4.2A

Release: December 1991

System Supplier: Digital Equipment Corporation System Hardware: DECstation Model: 5000/200 C Compiler: MIPS C Compiler Version: 2.10

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0342 Mindcraft, Inc. Date Issued: 02/12/92

Reference File #: DGC2542

Product Supplier: Data General Corporation Product Tested: DG/UX Version: 5.4 System Supplier: Data General Corporation System Hardware: AViion 5000 Model: AV/5240

C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23

PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC4767

Product Supplier: Data General Corporation

Product Tested: DG/UX Version: 5.4.2 Release: August 1992

System Supplier: Data General Corporation

System Hardware: AViion AV/530/4600 Model: AV/532

C Compiler: GNU C Compiler for AViiON Systems Version: DG-2.2.3

Release: August 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 09/09/92

Reference File #: DGC8016

Product Supplier: Data General Corporation Product Tested: DG/UX Version: 5.4 System Supplier: Data General Corporation

System Hardware: AViion 400/4000 Model: AV/4100

C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23

PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC8703

Product Supplier: Data General Corporation Product Tested: DG/UX Version: 5.4 System Supplier: Data General Corporation

System Hardware: AViion 400/4000 Model: AV/412

C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23

PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC9391

Product Supplier: Data General Corporation Product Tested: DG/UX Version: 4.32 System Supplier: Data General Corporation

System Hardware: AViion AV/400/4000 Model: AV/410 C Compiler: GNU C Compiler for AViion Sys Version: 1.37.23

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: DGC9574

Product Supplier: Data General Corporation

Product Tested: DG/UX Version: 5.4.2 Release: August 1992

System Supplier: Data General Corporation

System Hardware: AViion AV/8000 Model: AV/6240

C Compiler: GNU C Compiler for AViiON Systems Version: DG-2.2.3

Release: August 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 11/03/92

Reference File #: ENC6897

Product Supplier: Encore Computer Corporation
Product Tested: UMAX V Release: 3.0.6
System Supplier: Encore Computer Corporation
System Hardware: 91 Series Model: 91-02427
C Compiler: Green Hills Software, Inc. C Release: 1.1

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0345 UniSoft Corporation Date Issued: 3/12/92

Reference File #: EVR0901

Product Supplier: ESIX/Everex Systems, Inc.

Product Tested: ESIX System V Release 4 Version: 4 Release: 4.0

System Supplier AGI Computer, Inc.
System Haraware: AGI Model: 486/33
C Compiler: ESIX ANSI C Compiler Version: 5.0

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: EVR9749

Product Supplier: ESIX/Everex Systems, Inc.

Product Tested: ESIX System V Release 4 Version: 4 Release: 4.0

System Supplier: ESIX/Everex Systems, Inc.
System Hardware: Everex Model: 3000S 386/33
C Compiler: ESIX ANSI C Compiler Version: 5.0

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: HAR5240

Product Supplier: Harris Corporation Product Tested: CX/UX Release: 5.3

System Supplier: Harris Corporation, Computer Systems Division

System Hardware: Night Hawk Model: HN4802 C Compiler: Harris C Compiler Release: 5.3

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0342 Mindcraft, Inc. Date Issued: 12/16/91

Reference File #: HPC0115

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 867S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC0303

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 867s

C Compiler: HP C Compiler Version: A 08.17 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 09/09/92

Reference File #: HPC0535

Product Supplier: Hewlett-Packard Company

Product Tested: Domain/OS Version: 10.4 Release: April 1992

System Supplier: Hewlett-Packard Company

System Hardware: Domain Series 4000 Model: DN4500 C Compiler: Domain/C Version: 6.9.M/MPX Release: May 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 09/2/92

Reference File #: HPC0603

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 9.01 Release: January 4, 1993

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 700 Model: 735

C Compiler: HP C Compiler Version: HP92453-01 A.09.19 Release:

December, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC1581

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 827S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC1992

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.08 Release: 11/23/92

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 827S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC2540

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.07 Release: December 1991

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 700 Model: 720

C Compiler: HP C Compiler Version: A 08.71 Release: Dec 1991

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 01/29/92

Reference File #: HPC2698

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 817S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC2952

Product Supplier: Hewlett-Packard Company

Product Tested: Domain/OS Version: 10.4 Release: April 1992

System Supplier: Hewlett-Packard Company

System Hardware: Domain Series 400 Model: 433s

C Compiler: Domain/C Version: 6.9.M/MPX Release: May 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 09/2/92

Reference File #: HPC3574

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 9.0 Release: October 7, 1992

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 400 Model: 433S

C Compiler: HP C Compiler Version: B2371B.08.00 Internal Revision

70.2 Release: October 7, 1992 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC3760

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 847S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC3897

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 9.0 Release: October 7, 1992

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 847S

C Compiler: HP C Compiler Version: A 09.19 Release: Oct 7, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: HPC4246

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.08 Release: 11/23/92

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 807S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC6304

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 9.01 Release: January 4, 1993

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 700 Model: 720

C Compiler: HP C Compiler Ver: HP92453-01 A.09.19 Rel: Dec, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC6391

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.00 with PHCO 0800 (Patch)

Release: January 1991, January 1992 (Patch) System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 400 Model: 400S

C Compiler: HP C Compiler Version: B 08.00 Release: Dec. 1991

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 04/17/92

Reference File #: HPC6637

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.08 Release: 11/23/92

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 817S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC6906

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 9.01 Release: January 4, 1993

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 700 Model: 715

C Compiler: HP C Compiler Ver: HP92453-01 A.09.19 Rel: Dec. 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC7051

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.08 Release: 11/23/92

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 867S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC7716

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.08 Release: 11/23/92

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 847S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC8098

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8.02 Release: 10/06/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 807S

C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC9185

Product Supplier: Hewlett-Packard Company

Product Tested: HP-UX Version: 8 Release: 5/6/91

System Supplier: Hewlett-Packard Company

System Hardware: HP9000 Series 800 Model: 835

C Compiler: HP C Compiler Version: A 08.17 Release: 5/6/91

PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date

Issued: 12/18/91

Reference File #: IBM0320

Product Supplier: International Business Machines Inc.

Product Tested: AIX Version 3 for RISC System/6000 Version: 3

Release: 2

System Supplier: International Business Machines Inc.

System Hardware: RISC System/6000 Model: 220 C Compiler: xlc Version: 1 Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: IBM0458

Product Supplier: International Business Machines Inc.

Product Tested: AIX Version 3 for RISC System/6000 Version: 3

Release: 2

System Supplier: International Business Machines Inc.

System Hardware: RISC System/6000 Model: 530H

C Compiler: xlc Version: 1 Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: IBM1344

Product Supplier: International Business Machines Inc.

Product Tested: AIX Version: 3 Release: 1

System Supplier: International Business Machines Inc.

System Hardware: RISC System/6000 Model: 320

C Compiler: xlc Version: 3 Release: 1

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: IBM2592

Product Supplier: International Business Machines Inc.

Product Tested: AIX Version: 3 Release: 1

System Supplier: International Business Machines Inc.

System Hardware: RISC System/6000 Model: 530

C Compiler: xlc Version: 3 Release: 1

PCTS: 151-1 Version: 1.1 - 04/26/91

APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: IBM3697

Product Supplier: International Business Machines Inc.

Product Tested: AIX Version 3 for RISC System/6000 Version: 3

Release: 2

System Supplier: International Business Machines Inc.

System Hardware: RISC System/6000 Model: 320

C Compiler: xlc Version: 1 Release: 2 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: INT4675

Product Supplier: Intergraph Corporation

Product Tested: CLIX Version: 06.02.01 Release: 3.1

System Supplier: Intergraph Corporation

System Hardware: Intergraph 6400 Series Workstation Model: 6450

C Compiler: CLIPPER Advanced Optimizing C Compiler Version:

06.00.01.43 Release: 28-JAN-1992 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: INT5154

Product Supplier: Interactive Systems Corp.

Product Tested: Interactive UNIX Operating System Version: 3.0

Release: 3.2

System Supplier: Compaq Computer Corporation

System Hardware: Compaq Model: System Pro

C Compiler: Interactive UNIX Software Development System Ver: 3.0 PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0345 UniSoft Corporation Date Issued: 10/16/91

Reference File #: LNX3076

Product Supplier: Lynx Real-Time Systems, Inc.

Product Tested: LynxOS Version: 2 Release: 2.2.0

System Supplier: Compaq Computer Corporation System Hardware: ProLinea Model: 4/33

C Compiler: gcc Version: 1.42 Release: September 19, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: MOD4817

Product Supplier: Modular Computer Systems, Inc.

Product Tested: REAL/IX Version: V.3 Release: D.0

System Supplier: Modular Computer Systems, Inc.

System Hardware: REAL/STAR Model: 1000

C Compiler: GNU C Compiler for REAL/IX Systems Version: 1.37

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/05/92

Reference File #: MOT1086

Product Supplier: Motorola Computer Group

Product Tested: UNIX® System V/88 Release 4.0 Version: 3

Release: 4.0

System Supplier: Motorola Computer Group

System Hardware: Motorola Series 8000 Model: 8x40

C Compiler: Software Development System Version: T302.0 Release:

12/2/92

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 2/19/93

Reference File #: MOT5618

Product Supplier: Motorola Computer Group

Product Tested: UNIX® System V/88 Release 4.0 Version: 3

Release: 4.0

System Supplier: Motorola Computer Group

System Hardware: Motorola Series 8000 Model: 8x20

C Compiler: Software Development System Ver: T302.0 Rel: 12/2/92

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 2/19/93

Reference File #: NCR0554

Product Supplier: NCR Corporation

Product Tested: NCR UNIX System V Ver: Release 4 Rel: 4.0.4

System Supplier: NCR Corporation

System Hardware: NCR 3B2 R3 Series Model: 3B2/1000 R3

(Military ID: 3B2/600 GR)

C Compiler: 3B2/RISC C Development System Release: 1.1

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 12/09/92

Reference File #: NCR1448

Product Supplier: NCR Corporation

Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2

Version: SVR4 Release: 2 System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3455 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR2047

Product Supplier: NCR Corporation

Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version:

SVR4 Release: 2

System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3447 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR2805

Product Supplier: NCR Corporation

Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version:

SVR4 Release: 2

System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3450 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR3061

Product Supplier: NCR Corporation

Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2

Version: SVR4 Release: 2 System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3555 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR3331

Product Supplier: NCR Corporation

Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version:

SVR4 Release: 2

System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3345 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR4518

Product Supplier: NCR Corporation

Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version:

SVR4 Release: 2

System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3550 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR5533

Product Supplier: NCR Corporation

Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2

Version: SVR4 Release: 2 System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3520 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR7380

Product Supplier: NCR Corporation

Product Tested: UNIX® System V Release 4.0 Version 3.1

Version: 3.1 Release: 4.0 System Supplier: NCR Corporation

System Hardware: StarServer E. Model: Release 3. C Compiler: Optimized C Compiler Version: 5.0

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 03/10/93

Reference File #: NCR7549

Product Supplier: NCR Corporation

Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2

Version: SVR4 Release: 2 System Supplier: NCR Corporation

System Hardware: System 3000 Model: 3525 C Compiler: NCR C Development Toolkit Release: 2

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NXT0623

Product Supplier: NeXT Computer, Inc.

Product Tested: NEXTSTEP Version: 3.2 Release: November 5,

1993 (with POSIX for NEXTSTEP version 1.0)

System Supplier: NeXT Computer, Inc.

System Hardware: NeXTstation Model: Color Turbo C Compiler: NEXTSTEP DEVELOPER Version: 3.2 Release:

November 5, 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Minderaft, Inc. Date Issued: 10/08/93

Reference File #: PYR1271

Product Supplier: Pyramid Technology Corporation

Product Tested: OSx Version: 5.1a-92a023 Release: 0422s

System Supplier: Pyramid Technology Corporation System Hardware: MIServer Model: MIS-2T

C Compiler: att_cc Version: 5.1 PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: PYR3067

Product Supplier: Pyramid Technology Corporation

Product Tested: DataCenter/OSx Version: dcosx Release: 1.1-

System Supplier: Pyramid Technology Corporation

System Hardware: MIServer Model: 2S

C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 09/09/92

Reference File #: PYR3233

Product Supplier: Pyramid Technology Corporation

Product Tested: DataCenter/OSx Version: dcosx Release: 1.1-

92c027

System Supplier: Pyramid Technology Corporation

System Hardware: MIServer Model: 12S

C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 10/05/92

Reference File #: PYR4970

Product Supplier: Pyramid Technology Corporation

Product Tested: DataCenter/OSx Version: dcosx Rel: 1.1-92c027

System Supplier: Pyramid Technology Corporation System Hardware: MIServer Model: 4S

C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFeaus Incorporated Date Issued: 09/09/92

Reference File #: PYR9863

Product Supplier: Pyramid Technology Corporation Product Tested: OSx Version: 5.1a Release: 0318t System Supplier: Pyramid Technology Corporation System Hardware: MIServer Model: MIS-4T

APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: SCO3664

Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO Open Desktop Version: 2.0
System Supplier: Diamond Flower Incorporated
System Hardware: DFI Model: 486SX/25

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 11/02/92

Reference File #: SCO3832

Product Supplier: Santa Cruz Operation Inc.

Product Tested: SCO UNIX System V/386 Version: Release 3.2

System Supplier: Zenith Data Systems

System Hardware: Z Station Model: 433DEh

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 09/28/92

Reference File #: SCO4102

Product Supplier: Santa Cruz Operation, Inc.

Product Tested: SCO UNIX System V/386 Version: Release 3.2

System Supplier: AST Research, Inc.

System Hardware: Premium Series Model: 486/33

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 07/01/92

Reference File #: SCO5199

Product Supplier: Santa Cruz Operation Inc.

Product Tested: SCO UNIX System V/386 Version: 3.2

System Supplier: Zenith Data Systems

System Hardware: Zenith Data Systems Supersport Laptop Model:

Supersport SX

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0343 DataFocus Incorporated Date Issued: 09/17/91

Reference File #: SCO6748

Product Supplier: Santa Cruz Operation Inc.

Product Tested: SCO UNIX System V/386 Version: 3.2 Release: 2

System Supplier: Data General Corporation

System Hardware: Walkabout/SX Model: G2763
C Compiler: Microsoft C Optimizing Compiler Version: 5.1

PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: SCO8054

Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO Open Desktop Version: 2.0
System Supplier: Diamond Flower Incorporated
System Hardware: DFI Model: 486/33

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 11/02/92

Reference File #: SCO9875

Product Supplier: Santa Cruz Operation Inc.

Product Tested: SCO UNIX System V/386 Version: 3.2

System Supplier: UNISYS Corporation

System Hardware: PW² Advantage 3000 Series Model: 3256

C Compiler: Microsoft C Version: 5.1 PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0343 DataFocus Incorporated Date Issued: 11/01/91

Reference File #: SEC8754

Product Supplier: Sequent Computer Systems Inc.

Product Tested: DYNIX/ptx Operating System Version: 1.3.0

System Supplier: Sequent Computer Systems Inc.
System Hardware: Symmetry Series II Model: S27

C Compiler: C Tools Version: 1.12p PCTS: 151-1 Version: 1.1 - 09/11/91

APTL: 0345 UniSoft Corporation Date Issued: 12/09/91

Reference File #: SGI5507

Product Supplier: Silicon Graphics, Inc.
Product Tested: IRIX Version: 4.0.5
System Supplier: Silicon Graphics, Inc.
System Hardware: IRIS Model: Crimson

C Compiler: IRIS Development Option Version: 2.20

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 06/15/92

Reference File #: SGI9297

Product Supplier: Silicon Graphics, Inc. Product Tested: IRIX Version: 4.0.5 System Supplier: Silicon Graphics, Inc. System Hardware: IRIS Model: Indigo

C Compiler: IRIS Development Option Version: 2.20

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 06/15/92

Reference File #: SUN0617

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.0.1 Release: PC System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation IPC Model: GX

C Compiler: Solaris C Compiler Version: 1.0.1 Release: Dec 4, 1991

PCTS 153-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 08/27/92

Reference File #: SUN1065

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris 2.1 for x86 Version: 2.1 Release: May

1993

System Supplier: Dell Computer Corporation System Hardware: 450 Model: DE

C Compiler: ProCompiler C Version: 2.0.1 for x86 Rel: May 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/20/93

Reference File #: SUN1442

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.2 Release: May 28, 1993

System Supplier: Sun Microsystems Computer Corporation, Inc. System Hardware: SPARCstation LX Model: 4/30

C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN2031

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: August 4, 1992

System Supplier: Sun Microsystems Computer Corporation, Inc. System Hardware: SunWorkstation 4/30 Model: 4/30

C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN2241

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 2.0 Release: June 1992 System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation 2 Model: 4/75

C Compiler: Sun C Compiler Version: 2.0 Release: 20 May 1992

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 07/02/92

Reference File #: SUN2727

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: December 7, 1992

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCserver 10 Model: 42 C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: SUN2930

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.2 Release: May 28, 1993 System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation 2 Model: 4/75

C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN3129

Product Supplier: SunSoft, Inc.

Product Tested: Interactive Unix Operating System V/386 Version:

3.0.1 Release: 3.2

System Supplier: Compaq Computer Corporation System Hardware: Desk Pro Model: 386/20E

C Compiler: Interactive Unix Software Development System Version:

3.0 Release: December 4, 1991 PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0345 UniSoft Corporation Date Issued: 9/18/92

Reference File #: SUN3272

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.2 Release: May 28, 1993 System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCenter 10 Model: 54

C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93 Reference File #: SUN3402

Product Supplier: Sun Microsystems Computer Corporation, Inc.

Product Tested: Solaris Version: 2.1 Release: August 4, 1992

System Supplier: RDI

System Hardware: BriteLite Model: IPX Color Laptop Workstation C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/16/92

Reference File #: SUN3403

Product Supplier: SunSoft, Inc.

Product Tested: Interactive Unix Operating System V/386 Version:

3.0.1 Release: 3.2

System Supplier: Alpha Systems Lab

System Hardware: ASL486/33 Model: ASL433

C Compiler: Interactive Unix Software Development System Version:

3.0

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0345 UniSoft Corporation Date Issued: 10/05/92

Reference File #: SUN4529

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.1 Version C Release: August

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCclassic Model: 4/15

C Compiler: Solaris C Compiler Version: 1.1 Release: August 13,

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: SUN5382

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.0.1 Release: PC

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation IPX Model: GX

C Compiler: Solaris C Compiler Version: 1.0.1 Release: December 4,

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus Incorporated Date Issued: 09/02/92

Reference File #: SUN5684

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: December 7, 1992

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCclassic Model: 4/15

C Compiler: Sun C Compiler Version: 2.0.1 Release: October 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: SUN5782

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: August 4, 1992 System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCserver 10 Model: 30

C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN5970

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: August 4, 1992 System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCserver 10 Model: 41

C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN6602

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.2 Release: May 28, 1993

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCenter 2000 Model: 01

C Compiler: Sun C Compiler Version: 2.0.1 Release: October 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN6635

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.0.1 Release: PC System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCserver 690 Model: 140

C Compiler: Solaris C Compiler Ver 1.0.1 Release December 4, 1991

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 02/19/92

Reference File #: SUN6859

Product Supplier: SunSoft, Inc.

Product Tested: INTERACTIVE UNIX Operating System V/386

Version: 4.0 Release: 3.2

System Supplier: Compaq Computer Corporation System Hardware: DeskPro Model: 66M

C Compiler: INTERACTIVE Software Development System Version: 4.0

Release: May 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 07/15/93

Reference File #: SUN7188

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 1.1 Release: August 24, 1992

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation 10 Model: GX-30

C Compiler: Solaris C Compiler Version: 1.1 Release: August 24,

1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 08/27/92

Reference File #: SUN7793

Product Supplier: Sun Microsystems Computer Corporation, Inc. Product Tested: Solaris Version: 2.1 Release: August 4, 1992

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCserver 10 Model: 42

C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN8720

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.1 Version C Release: August

13, 1993

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation Model: 4/30

C Compiler: Solaris C Compiler Version: 1.1 Release: Aug 13, 1993

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: SUN9763

Product Supplier: SunSoft, Inc.

Product Tested: Solaris Version: 1.0.1 Release: PC

System Supplier: Sun Microsystems Computer Corporation, Inc.

System Hardware: SPARCstation 2 Model: GX

C Compiler: Solaris C Compiler Version: 1.0.1 Release: Dec 4, 1991

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 02/19/92

Reference File #: UNI0505

Product Supplier: Unisys Corporation

Product Tested: UNIX System V Release 4 Version: Revision 1.0.2

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000 Series Model: U 6000/15

C Compiler: UNIX System V Release 4 Standard C Development

Environment Version: 1.0.2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 04/30/92

Reference File #: UNI1798

Product Supplier: Unisys Corporation

Product Tested: UNIX System V Release 4 Version: Revision 1.0.2

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000 Series Model: U 6000/65

C Compiler UNIX System V Release 4 Standard C Development

Environment Version: 1.0.2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI3690

Product Supplier: Unisys Corporation

Product Tested: UNIX System V Release 4 Version: 1.1 Release:

October 30, 1992

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000 Series Model: U6000/65 C Compiler: UNIX System V Release 4 Standard C Development

Environment Version: 1.1

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 09/28/92

Reference File #: UNI5711

Product Supplier: Unisys Corporation

Product Tested: UNIX System V Release 4 Version: Revision 1.0.2

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000 Series Model: U 6000/60

C Compiler: UNIX System V Release 4 Standard C Development

Environment Version: 1.0.2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI9063

Product Supplier: Unisys Corporation

Product Tested: UNIX System V Release 4 Version: Revision 1.0.2

System ວັບກຸກຄ່ອງ: Unisys Corporation

S. See C. Hazaware: Unisys U 6000 Series Model: U 6000/35 C Queetrar UNIX System V Release 4 Standard C Development

Environmand version: 1.0.2

PCTS: 151-1 Version: 1.1 - 01/22/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI9080

Product Supplier: Unisys Corporation

Product Tested: CTOS II Version: 3 Release: 3

System Supplier: Unisys Corporation

System Hardware: Unisys B-Series Model: NGEN

C Compiler: Microsoft C Version: 6.0 PCTS: 151-1 Version: 1.1 - 07/01/91

APTL: 0343 DataFocus Incorporated Date Issued: 09/17/91

Reference File #: UNV0528
Product Supplier: Univel

Product Tested: UnixWare Version: 1.0 Release: June 1993

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000/DT Series/PW² Advantage Plus

Series Model: U6000/DT1 (MPE 4332)

C Compiler: Optimizing C Compilation Sys Ver: 2.0 Rel: Nov 2, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: UNV2014

Product Supplier: Univel

Product Tested: UnixWare Version: 1.0 Release: June 1993

System Supplier: Unisys Corporation

System Hardware: Unisys U 6000/DT Series/PW² Advantage Plus

Series Model: U6000/DT2 (MPE 4663)

C Compiler: Optimizing C Compilation System Version: 2.0 Release:

Nov. 2, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: UNV3055

Product Supplier: Univel

Product Tested: UnixWare Application Server Version: 1.0

Release: October 1992

System Supplier: AST Research, Inc.

System Hardware: Premium 486/33 Model: 3V

C Compiler: UnixWare Software Development Kit Version: 1.0

Release: October 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/93

Reference File #: UNV3978

Product Supplier: Univel

Product Tested: UnixWare Version: 1.0 Release: June 1993

System Supplier: Unisys Corporation

System Hardware: Unisys PW² Advantage Series

Model: MPI 4336)

C Compiler: Optimizing C Compilation System Version: 2.0 Release:

Nov. 2, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: <u>UNV9180</u> Product Supplier: Univel

Product Tested: UnixWare Personal Edition Version: 1.0 Release:

October 1992

System Supplier: AST Research, Inc.

System Hardware: Premium 486/33 Model: 3V

C Compiler: UnixWare Software Development Kit Version: 1.0

Release: October 1992

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/93

Reference File #: USL2115

Product Supplier: UNIX System Laboratories, Inc.

Product Tested: UNIX System V Release 4 Version: 4 Release: 4.0

System Supplier: AST Research, Inc.

System Hardware: Premium Series Model: 486/33

C Compiler: Standard C Development Environment Version: 5.0

PCTS: 151-1 Version: 1.1 - 05/21/92

APTL: 0343 DataFocus, Inc. Date Issued: 07/01/92

6.7 TESTING LABORATORIES AND VALIDATED PRODUCTS for NIST POSIX (FIPS 151-2)

September 9, 1994

ACCREDITED NIST POSIX TESTING LABORATORIES

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-2 (FIPS 151-2) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-2). FIPS 151-2 replaced FIPS 151-1 in its entirety on October 15, 1993. Only accredited laboratories may submit test reports to NIST/CSL for validation.

DataFocus IncorporatedContact: Mr. Matt Einseln12450 Fair Lakes Circle, Suite 400Phone: 703-631-6770

Fairfax, VA 22033-3831

MIndcraft, Inc.

Contact: Mr. Bruce Weiner
410 Cambridge Avenue

Phone: 415-323-9000

Palo Alto, CA 94306

PERENNIAL Contact: Mr. Barry E. Hedquist

4699 Old Ironsides Drive, Suite 210 Phone: 408-748-2900

Santa Clara, CA 95054

NIST POSIX VALIDATED PRODUCTS

The following products have been tested by an Accredited POSIX Testing Laboratory (APTL) using the official National Institute of Standards and Technology POSIX Conformance Test Suite (NIST-PCTS:151-2) for the Federal Information Processing Standards 151-2 (FIPS PUB 151-2). A Certificate of Validation has been issued by NIST/CSL. Additional information is available from NIST/CSL on conditional features supported, configuration details, and resolved test codes (if appropriate).

Information in this listing includes product information on the implementation, system tested and type of implementation. FIPS 151-2 supports three types of implementations, native, hosted, and cooperating. A native implementation "refers to an implementation of POSIX.1 that interfaces directly to an operating system kernel." A cooperating implementation "refers to an implementation of POSIX.1 that interfaces directly to an operating system kernel but the load modules are not produceable on this implementation." A hosted implementation "referes to an implementation of POSIX.1 that is accomplished through interfaces from the POSIX.1 services to some alternate form of operating system kernel services."

Information is also provided on the following primary conditional features: General Terminal Interface devices (GTI), Mountable File System (MFS), Modern Control (MC), and Apppropriate Privileges (AP).

PRODUCT SUPPLIERS REFERENCE FILE #

Amdahl Corporation 151-2AMD001
Cray Research Superservers, Inc. 151-2CRA001
Data General Corporation 151-2DGC001

Digital Equipment Corporation 151-2DEC001, 151-2DEC002, 151-2DEC003, 151-2DEC004, 153-2DEC005

Hewlett-Packard Company 151-2HPC001, 151-2HPC002, 151-2HPC003, 151-2HPC004, 151-2HPC005, 151-2HPC006, 151-2HPC007, 151-2HPC008

Intergraph Corporation 151-2INT001

International Business Machines Corp. 151-2IBM001, 151-2IBM002, 151-2IBM003, 151-2IBM004, 151-2IBM005, 151-2IBM006 Microsoft Corporation 151-2MSC001, 151-2MSC002, 151-2MSC003, 151-2MSC004, 151-2MSC005, 151-2MSC006

Novell, Inc. 151-2NOV001, 151-2NOV002 Sequent Computer Systems, Inc. 151-2SEQ001, 151-2SEQ002

SunSoft, Inc. 151-2SUN001, 151-2SUN002, 151-2SUN003, 151-2SUN004, 151-2SUN005, 151-2SUN006, 151-2SUN007, 151-

2SUN008, 151-2SUN009, 151-2SUN010

Unisys Corporation 151-2UNI001, 151-2UNI002

SYSTEM SUPPLIERS REFERENCE FILE #

Amdahl Corporation 151-2AMD001

AST Research, Inc. 151-2NOV001, 151-2NOV002 Axil Workstations 151-2SUN009, 151-2SUN010

Compaq 151-2MSC002, 151-2MSC004, 151-2SUN008

Cray Research Superservers, Inc. 151-2CRA001 Data General Corporation 151-2DGC001

Digital Equipment Corporation 151-2DEC001, 151-2DEC002, 151-2DEC003, 151-2DEC004, 151-2DEC005, 151-2MSC006

Hewlett-Packard Company 151-2HPC001, 151-2HPC002, 151-2HPC003, 151-2HPC004, 151-2HPC005, 151-2HPC006, 151-2HPC007, 151-2HPC008

Intergraph Corporation 151-2INT001

International Business Machines Corp. 151-2IBM001, 151-2IBM002, 151-2IBM003, 151-2IBM004, 151-2IBM005, 151-2IBM006

Olivetti 151-2MSC001, 151-2MSC003

Sequent Computer Systems, Inc. 151-2SEQ001, 151-2SEQ002

Sun Microsystems Computer Corp., Inc. 151-2SUN001, 151-2SUN002, 151-2SUN003, 151-2SUN004, 151-2SUN005, 151-2SUN006, 151-2SUN007

Unisys Corporation 151-2UNI001, 151-2UNI002

151-2AMD001 Issued: 03/18/94 Type: Native Product Supplier: Amdahi Corporation Product: UTS Version 4 Release 2 PCD: UTS 4.2 POSIX.1 and FIPS 151-2 Conformance Document GTI - NOT Provided by Product MC - NOT Provided by Product AP - Supported by Product MFS - Supported by Product Computer Hardware Supplier: Amdahl Corporation Computer Hardware Product: Amdahl 5995M-4550 C Compiler: Amdahl C, Version 2.0 APTL: 0342 Mindcraft, Inc. 151-2CRA001 Issued: 09/07/94 Type: Native Product Supplier: Cray Research Superservers, Inc. Product: Solaris 2.3 CRAY Version R Maintenance Update 1 with

PCD: Cray Solaris 2.3 POSIX.1 Conformance Document GTI - NOT Provided by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product Computer Hardware Supplier: Cray Research Superservers, Inc. Computer Hardware Product: Cray SUPERSERVER 6400 C Compiler: Sun C Compiler Version 2.0.1, Released October 3, 1992

APTL: 0342 Mindcraft, Inc.

Patch 10647-03

151-2DEC001 Issued: 08/12/93 Type: Hosted Product Supplier: Digital Equipment Corporation Product: POSIX for Open VMS AXP Version X1.0-041 PCD: POSIX 1003.1-1990 Conformance Document for Open VMS

AXP (July 1993)

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Digital Equipment Corporation Computer Hardware Product: DECsystem, Model 4000/610 Host Operating System Supplier: Digital Equipment Corporation Host Operating System: OpenVMS AXP Version 1.5

C Compiler: DEC C Version 1, Release 3 APTL: 0343 DataFocus Incorporated

151-2DEC002 Issued: 02/28/94 Type: Native Product Supplier: Digital Equipment Corporation

Product: DEC OSF/1 Version 2.0, released March, 1994 PCD: DEC OSF/1 POSIX.1 Conformance Document (Order

Number: AA-PS35B-TE)

GTI - Supported by Product MC - NOT Provided by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Digital Equipment Corporation Computer Hardware Product: DEC 3000, Model 400 C Compiler: DEC OSF/1 C Compiler, Version 2.0

APTL: 0342 Mindcraft, Inc.

151-2DEC003 Issued: 08/05/94 Type: Hosted Product Supplier: Digital Equipment Corporation Product: POSIX for Open VMS AXP Version 2.0

PCD: POSIX 1003.1-1990 Conformance Document for Open VMS

AXP, June 1994

GTI - Not Provided by Product MC - Not Provided by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Digital Equipment Corporation Computer Hardware Product: DECsystem, Model 4000/610 Host Operating System Supplier: Digital Equipment Corporation

Host Operating System: OpenVMS AXP, Version 6.1 C Compiler: DEC C for OpenVMS AXP Version 4.0

APTL: 0343 DataFocus Incorporated

151-2DEC004 Issued: 08/05/94 Type: Hosted Product Supplier: Digital Equipment Corporation Product: POSIX for Open VMS VAX, Version 2.0

PCD: POSIX 1003.1-1990 Conformance Document for Open VMS AXP, June 1994

GTI - Not Provided by Product MC - Not Provided by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Digital Equipment Corporation Computer Hardware Product: DECsystem, Model 4000-500

Host Operating System Supplier: Digital Equipment Corporation Host Operating System: OpenVMS VAX, Version 6.1

C Compiler: DEC C for OpenVMS VAX Version 4.0

APTL: 0343 DataFocus Incorporated

151-2DEC005 Issued: 08/17/94 Type: Native

Product Supplier: Digital Equipment Corporation Product: DEC OSF/1 Version 3.0, released August, 1994

PCD: DEC OSF/1 POSIX.1 Conformance Document (Order Number: AA-PS35C-TE)

MC - Not Provided by Product GTI - Supported by Product AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Digital Equipment Corporation

Computer Hardware Product: DEC 2100 model A500MP

C Compiler: DEC OSF/1 C Compiler, Version 3.0

APTL: 0342 Mindcraft, Inc.

151-2DGC001 Issued: 04/12/94 Type: Native

Product Supplier: Data General Corporation Product: DG/US 5.4 Release 3.00 MU01

> PCD: POSIX.1 Conformance Document for the DG/UX System Revision 04. March 1994

GTI - Supported by Product MC - Supported by Product AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Data General Corporation Corporation Computer Hardware Product: Data General AViiON AV8500 Model G70595

C Compiler: gcc 2.4.5.6 APTL: 0342 Mindcraft, Inc.

151-2HPC001 Issued: 05/12/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UXRelease 9.09 withpatches PHCO_3869, PHCO_4152, and PHKL 4149

PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90034

GTI - Supported by Product MC - Supported by Product AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 755

C Compiler: HP C Compiler Version A.09.33

APTL: 0342 Mindcraft, Inc.

151-2HPC002 Issued: 05/12/94 Type: Native

Product Supplier: Hewiett-Packard Company

Product: HP-UX Release 9.09 with patches PHCO_3869, PHCO_4152, and PHKL 4149

PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90034

MC - Supported by Product GTI - Supported by Product AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 725

C Compiler: HP C Compiler Version A.09.33

APTL: 0342 Mindcraft, Inc.

151-2HPC003 Issued: 06/01/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UX Release 9.05 with patches PHKL_4110, and

PCD: POSIX Conformance Document, HP 9000 Computers, Third

Edition, 1994. HP Part Number B2355-90049

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 735

C Compiler: HP C Compiler Version A.09.33

APTL: 0342 Mindcraft, Inc.

151-2HPC004 Issued: 06/01/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UX Release 9.05 with patches PHKL_4110, and

PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90049

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 725

C Compiler: HP C Compiler Version A.09.33

APTL: 0342 Mindcraft, Inc.

151-2HPC005 Issued: 07/01/94 Type: Native

Product Supplier: Hewlett-Packard Company Product: HP-UX 10.00.S1

PCD: POSIX Conformance Document, HP 9000 Computers, Fourth

Edition, 1994. HP Part Number B2355-90049

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 770

C Compiler: HP C Compiler Version X.10.23

APTL: 0342 Mindcraft, Inc.

151-2HPC006 Issued: 07/01/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UX 10.00.S1

PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. HP Part Number B2355-90049

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 712

C Compiler: HP C Compiler Version X.10.23

APTL: 0342 Mindcraft, Inc.

151-2HPC007 Issued: 07/01/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UX 10.09.S1

PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. as modified by POSIX Conformance Document, HP-UX Compartment Mode Workstation Addendum, HP 9000 Computers, First Edition, 1994.

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 712

C Compiler: HP C Compiler Version X.10.18

APTL: 0342 Mindcraft, Inc.

151-2HPC008 Issued: 07/01/94 Type: Native Product Supplier: Hewlett-Packard Company

Product: HP-UX 10.09.S1

PCD: POSIX Conformance Document, HP 9000 Computers, Fourt Edition, 1994. as modified by POSIX Conformance Document, HP-U Compartment Mode Workstation Addendum, HP 9000 Computers, Fire Edition, 1994.

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Hewlett-Packard Company Computer Hardware Product: Series 9000 Model 770

C Compiler: HP C Compiler Version X.10.18

APTL: 0342 Mindcraft, Inc.

151-2IBM001 Issued: 03/08/94 Type: Native

Product Supplier: International Business Machines Corporation Product: MVS/ESA 4.3 OpenEdition 1.0

PCD: OpenEdition MVS POSIX.1 Conformance Document, Docume Number SC23-3011-00

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: International Business Machines Corporatic Computer Hardware Product: ES/9000-570

C Compiler: IBM SAA AD/Cycle® C/370 Version 1 Release 2

APTL: 0342 Mindcraft, Inc.

151-2IBM002 Issued: 02/17/94 Type: Native

Product Supplier: International Business Machines Corporation Product: AIX Version 3.2.5 for RISC System/6000 with PTF: U423984, U424399, U424507, U424590, U425456, U424587, U425984, U425988, U425997, U42600

U426014, U425858

PCD: AIX Version 3.2 POSIX Conformance Document

MFS - Supported by Product

GTI - Supported by Product MC - Supported by Product AP - Supported by Product

Computer Hardware Supplier: International Business Machines Corporation Computer Hardware Product: RISC System/6000, Model 590

C Compiler: XLC Version 1, Release 3

APTL: 0342 Mindcraft, Inc.

151-2IBM003 Issued: 02/17/94 Type: Native

Product Supplier: International Business Machines Corporation Product: AIX Version 3.2.5 for RISC System/6000 with PTF U423984, U424399, U424507, U424590,

U425456, U424587, U425984, U425988, U425997, U42600 U426014, U425858

PCD: AIX Version 3.2 POSIX Conformance Document

MC - Supported by Product GTI - Supported by Product

AP - Supported by Product MFS - Supported by Product Computer Hardware Supplier: International Business Machines Corporation

Computer Hardware Product: RISC System/6000, Model 250

C Compiler: XLC Version 1, Release 3

APTL: 0342 Mindcraft, Inc.

151-2IBM004 Issued: 02/17/94 Type: Native

Product Supplier: International Business Machines Corporation Product: AIX Version 3.2.5 for RISC System/6000 with PTF U423984, U424399, U424507, U424590, U425456, U424587, U425984, U425988, U425997, U42600

U426014, U425858

PCD: AIX Version 3.2 POSIX Conformance Document MC - Supported by Product GTI - Supported by Product

AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: International Business Machines Corporation Computer Hardware Product: RISC System/6000, Model 360

C Compiler: XLC Version 1, Release 3

APTL: 0342 Mindcraft, Inc.

151-2IBM005 Issued: 04/29/94 Type: Native

Product Supplier: International Business Machines Corporation Product: AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U425456, U425984, U425988,

U425997, U426001, U426014, U427208, U427727, U427892 PCD: AIX Version 3.2 POSIX Conformance Document, part number GC23-2159-02. Third Edition

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product Computer Hardware Supplier: International Business Machines Corporation

Computer Hardware Product: RISC System/6000, Model 230 C Compiler: XLC Version 1, Release 3 APTL: 0342 Mindcraft, Inc.

151-2IBM006 Issued: 04/29/94 Type: Native

Product Supplier: International Business Machines Corporation Product: AiX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U425456, U425984, U425988,

U425997, U426001, U426014, U427208, U427727, U427892 PCD: AIX Version 3.2 POSIX Conformance Document, part number GC23-2159-02, Third Edition

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product Computer Hardware Supplier: International Business Machines

Computer Hardware Product: RISC System/6000, Model 570 C Compiler: XLC Version 1, Release 3 APTL: 0342 Mindcraft, Inc.

151-2INT001 Issued: 07/08/94 Type: Native Product Supplier: intergraph Corporation

Product: CLIX UNIXBOOT, Version 07.05.17.00, Release 22-FEB-1994

PCD: CLIX POSIX Conformance Document, July 1994

GTI - Supported by Product MC - NOT Provided by Product AP - Supported by Product

MFS - Supported by Product Computer Hardware Supplier: Intergraph Corporation

Computer Hardware Product: Intergraph 2800 Series Workstation, Model 2830

C Compiler: CLIPPER Advanced Optimizing C Compiler, Version 07.05.01.61, Release 03-MAR-1994

APTL: 0343 DataFocus Incorporated

151-2MSC001 Issued: 04/12/94 Type: Cooperating Hosted Product Supplier: Microsoft Corporation

Product: Microsoft Windows NT POSIX Subsystem Version 3.1 PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - NOT Provided by Product AP - NOT Provided by Product

Computer Hardware Supplier: Olivetti Computer Hardware Product: M700-10

Host & Development Operating System Supplier: Microsoft Corp Host & Development Operating System: Windows NT Version 3.1 C Compiler: Microsoft® C Centaur Optimizing Compiler Version 8.00.081

APTL: 0342 Mindcraft, Inc.

151-2MSC002 Issued: 04/12/94 Type: Cooperating Hosted

Product Supplier: Microsoft Corporation

Product: Microsoft Windows NT POSIX Subsystem Version 3.1 PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - NOT Provided by Product AP - NOT Provided by Product

Computer Hardware Supplier: Compag Computer Hardware Product: Deskpro 4/66i

Host & Development Operating System Supplier: Microsoft Corporation Host & Development Operating System: Windows NT Version 3.1

C Compiler: Visual C++ for Windows and Windows NT, 32-bit Edition. Version 1.00.

APTL: 0342 Mindcraft, Inc.

151-2MSC003 Issued: 04/12/94 Type: Cooperating Hosted

Product Supplier: Microsoft Corporation

Product: Microsoft Windows NT POSIX Subsystem Version 3.1 PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - NOT Provided by Product AP - NOT Provided by Product

Computer Hardware Supplier: Olivetti Computer Hardware Product: M700-10

Host & Development Operating System Supplier: Microsoft Corporation Host & Development Operating System: Windows NT Advanced Server Version 3.1

C Compiler: Microsoft® C Centaur Optimizing Compiler Version 8.00.081 APTL: 0342 Mindcraft, Inc.

151-2MSC004 Issued: 04/12/94 Type: Cooperating Hosted

Product Supplier: Microsoft Corporation

Product: Microsoft Windows NT POSiX Subsystem Version 3.1 PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document

GTI - NOT Provided by Product MC - NOT Provided by Product AP - NOT Provided by Product MFS - NOT Provided by Product

Computer Hardware Supplier: Compaq Computer Hardware Product: Deskpro 4/66i

Host & Development Operating System Supplier: Microsoft Corporation Host & Development Operating System: Microsoft Windows NT Advanced Server Version 3.1

C Compiler: Visual C++ for Windows and Windows NT, 32-bit Edition. Version 1.00.

APTL: 0342 Mindcraft, Inc.

Type: Cooperating Hosted 151-2MSC005 Issued: 05/12/94

Product Supplier: Microsoft Corporation

Product: Microsoft[®] Windows NT[®] POSIX Subsystem Version 3.1 PCD: Microsoft[®] Windows NT[®] POSIX Subsystem POSIX Conformance

GTI - NOT Provided by Product MC - NOT Provided by Product MFS - NOT Provided by Product AP - NOT Provided by Product

Computer Hardware Supplier: Digital Equipment Corporation

Computer Hardware Product: DECpc AXP/150

Host & Development Operating System Supplier: Microsoft Corp Host & Development Operating System: Microsoft® Windows NT™

C Compiler: Microsoft® C/C++ Optimizing Compiler Version 8.00.9B APTL: 0342 Mindcraft, Inc.

151-2MSC006 Issued: 05/12/94 Type: Cooperating Hosted

Product Supplier: Microsoft Corporation

Product: Microsoft® Windows NT POSIX Subsystem Version

3.1

PCD: Microsoft[®] Windows NT POSIX Subsystem POSIX

Conformance Document

GTI - NOT Provided by Product MC - NOT Provided by Product

MFS - NOT Provided by Product AP - NOT Provided by Product

Computer Hardware Supplier: Digital Equipment Corporation

Computer Hardware Product: DECpc AXP/150

Host & Development Operating System Supplier: Microsoft Corp

Host & Development Operating System: Microsoft® Windows NT™ Advanced Server Version 3.1

C Compiler: Microsoft[®] C/C++ Optimizing Compiler Version 8.00.9B APTL: 0342 Mindcraft, Inc.

151-2NOV001 Issued: 05/03/94 Type: Native

Product Supplier: Novell, Inc.

Product: UnixWare Application Server Version 1.1 with

UnixWare Update 1.1.1 and PTF604 PCD: UnixWare Programmer's Guide: POSIX.1 Conformance (First

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: AST Research, Inc.

Computer Hardware Product: Premium 486/33 model 3V C Compiler: UnixWare SDK/Personal Utilities Version 1.1

APTL: 0342 Mindcraft, Inc.

151-2NOV002 Issued: 05/03/94 Type: Native

Product Supplier: Novell, Inc.

Product: UnixWare Personal Edition Version 1.1 with UnixWare

Update 1.1.1 and PTF604

PCD: UnixWare Programmer's Guide: POSIX.1 Conformance (First

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: AST Research, Inc.

Computer Hardware Product: Premium 486/33 model 3V

C Compiler: UnixWare SDK/Personal Utilities Version 1.1

APTL: 0342 Mindcraft, Inc.

151-2SEQ001 Issued: 04/12/94 Type: Native

Product Supplier: Sequent Computer Systems Inc.

Product: DYNIX/ptx Version 4.0.0

PCD: DYNIX/ptx POSIX.1 Conformance Specification Part Number

1003-49622-04

GTI - Supported by Product MC - Supported by Product

MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Sequent Computer Systems Inc.

Computer Hardware Product: Sequent Symmetry Systems SE20

C Compiler: ptx/C (Version 4.0.0)

APTL: 0342 Mindcraft, Inc.

151-2SEQ002 Issued: 04/12/94 Type: Native

Product Supplier: Sequent Computer Systems Inc.

Product: DYNIX/ptx Version 2.1.1

PCD: DYNIX/ptx POSIX.1 Conformance Specification Part Number

1003-49622-03a

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Sequent Computer Systems Inc.

Computer Hardware Product: Sequent Symmetry Systems SE60

C Compiler: ptx/C (Version 2.1.1) APTL: 0342 Mindcraft, Inc.

151-2SUN001 Issued: 12/23/93 Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.

Part No: 801-5263-10

MC - Supported by Product GTI - Supported by Product

MFS - Supported by Product

AP - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporation

Computer Hardware Product: SPARCcenter 2000, model 2204 C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN002 Issued: 12/23/93 Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.

Part No: 801-5263-10

GTI - Supported by Product MC - Supported by Product

MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporation

Computer Hardware Product: SPARCstation 10SX, model 40

C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN003 Issued: 12/23/93 Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX

Part No: 801-5263-10

GTI - Supported by Product MC - Supported by Product

MFS - Supported by Product

AP - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporation

Computer Hardware Product: SPARCstation 10, model 52

C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN004 Issued: 12/23/93 Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX

Part No: 801-5263-10

MC - Supported by Product GTI - Supported by Product

AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporatio

Computer Hardware Product: SPARCserver 670MP, model 54

C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN005 Issued: 3/30/94 Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 Edition II with patch 101294-01 and 101498-PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX

Part No: 801-5263-11

MC - Supported by Product GTI - Supported by Product

AP - Supported by Product MFS - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporation

Computer Hardware Product: SPARCstation 5

C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN006 Issued: 3/30/94

Type: Native

Product Supplier: SunSoft, Inc.

Product: Solaris 2.3 Edition ii

Product: Solaris 2.3 Edition ii

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5:

POSIX.1 Part No: 801-5263-11

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer

Corporation, Inc.

Computer Hardware Product: SPARCstation Voyager

C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN007 Issued: 3/30/94 Ty

Type: Native

Product Supplier: SunSoft, inc.

Product: Solaris 2.3 Release with patches 101294-01, 101318-27, and 101493-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-11

GTI - Supported by Product
MFS - Supported by Product
AP - Supported by Product

Computer Hardware Supplier: Sun Microsystems Computer Corporation Inc.

Computer Hardware Product: SPARCstation 20, Model 502
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992

APTL: 0342 Mindcraft, Inc.

151-2SUN008 Issued: 9/07/94 Ty

Type: Native

Product Supplier: SunSoft, inc.

Product: The INTERACTIVE UNIX Operating System, Version 4.1

PCD: INTERACTIVE UNIX System V/386 Release 3.2 Standards

Conformance Guide, June, 1994

GTI - Supported by Product MC - Supported by Product

MFS - Supported by Product AP - Supported by Product Computer Hardware Supplier: Compaq

Computer Hardware Product: Proliant 2000 Model 5/66-1

C Compiler: LPI C Version 2.0 APTL: 0342 Mindcraft, Inc.

151-2SUN009 Issued: 9/07/94 Type: Native

Product Supplier: SunSoft, inc.

Product: Soiaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-11

GTI - Supported by Product MC - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Axil Workstations

Computer Hardware Product: Axil model 220 Professional

C Compiler: gcc version cygnus-2.3.3

APTL: 0342 Mindcraft, Inc.

151-2SUN010 Issued: 9/07/94 Type: Native

Product Supplier: SunSoft, inc.

Product: Solaris 2.3 with patch 101294-01

PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1

Part No: 801-5263-11

GTI - Supported by Product MC - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Axil Workstations Computer Hardware Product: Axil model 311-4.0

C Compiler: gcc version cygnus-2.3.3

APTL: 0342 Mindcraft, Inc.

151-2UNI001 Issued: 12/02/93 Type: Native

Product Supplier: Unisys Corporation

Product: Unix System V Release 4 Revision 1.2

PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's

Guide

GTI - Supported by Product MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Unisys Corporation

Computer Hardware Product: Unisys U6000 Series U6000/65

C Compiler: Unix System V Release 4 Standard C Development

Environment Rev. 1.2

APTL: 0342 Mindcraft, Inc.

151-2UNI002 Issued: 12/02/93 Type: Native

Product Supplier: Unisys Corporation

Product: Unix System V Release 4 Revision 1.2

PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's

Guide

GTI - Supported by Product MC - Supported by Product

MFS - Supported by Product AP - Supported by Product

Computer Hardware Supplier: Unisys Corporation

Computer Hardware Product: Unisys U6000 Series U6000/300

C Compiler: Unix System V Release 4 Standard C Development

Environment Rev. 1.2 APTL: 0342 Mindcraft, Inc.

For further information on the NIST/CSL POSIX validation program contact Martha M. Gray, Computer Systems Laboratory, B266 Technology Bldg., NIST, Gaithersburg, MD 20899. Telephone: 301-975-3276, fax: 301-590-0932, e-mail: gray@sst.ncsl.nist.gov.

This register is also available on an electronic mail (email) file server system. To use the service, you must be able to send and receive email via the Internet. For most email systems, send an email message (mail posix@nist.gov) with the first line of the message containing a command to send 151-2reg and a carriage return. The next line should simply end your email message (on some systems a period and a carriage return). This register will be returned via email to your email address. There is also a register for FIPS 151-1 accredited laboratories and validated products. For this register use the command send 151-1reg.



7. COMPUTER SECURITY TESTING

7.1 Cryptographic Standards

The lists in Sections 8.6, 8.7 and 8.8 provide technical information about products that have been validated as conforming to the following computer security FIPS:

- a. Data Encryption Standard (DES), FIPS PUB 46-1,
- b. Message Authentication Code (MAC), FIPS PUB 113, and
- c. Key Management Using ANSI X9.17, FIPS PUB 171.

7.2 Data Encryption Validation Tests

FIPS PUB 46-1 specifies a cryptographic algorithm that converts plaintext to ciphertext using a 56-bit key. Testing procedures for the validation of devices as conforming to FIPS PUB 46-1 are described in the NBS Special Publication 500-20, Validating the Correctness of Hardware Implementations of the NBS Data Encryption Standard. The validation of a device is performed by running the Monte Carlo test described in the publication. The Monte-Carlo test consists of eight million encryptions and four million decryptions, with two encryptions and one decryption making up a single test. The test is designed to use the Electronic Codebook Mode (ECB) of DES. Although the actual test described in NBS Special Publication 500-20 is the same test used to validate devices today, the procedures for administering the test have changed. Currently, the test is performed by the vendor using initial values supplied by NIST. The vendor uses the supplied information to run the Monte-Carlo test and sends the results to NIST.

7.3 Message Authentication Code (MAC) Validation System

FIPS PUB 113, Computer Data Authentication, specifies a Data Encryption Algorithm which may be used to detect unauthorized intentional and accidental modifications to data. This process is known as data authentication. The algorithm is based on DES and is used to authenticate an entire binary message. FIPS PUB 113 is compatible with ANSI X9.9 which provides methods for authenticating an entire binary message as well as all or parts of a message which are in a coded character format. Procedures for the validation of products which implement FIPS PUB 113 and ANSI X9.9 are described in NBS Special Publication 500-156, Message Authentication Code (MAC) Validation System: Requirements and Procedures.

7.4 Key Management Validation System (KMVS)

FIPS PUB 171 adopts ANSI X9.17 for Federal Government use. ANSI X9.17, Financial Institution Key Management (Wholesale), provides procedures and protocols for the secure generation, distribution, storage, entry, use and destruction of symmetric cryptographic keying material (e.g., DES). It provides key management solutions for a variety of operational environments, and as such, ANSI X9.17 contains a number of options. FIPS PUB 171 specifies a particular set of options whenever keying material is distributed using the protocols of ANSI X9.17. Procedures for the validation of products which conform to a subset of the options selected in FIPS PUB 171 are described in the Key Management Validation System: Point-to-Point Validation System document which is available from the Manager of the Security Group (see Section 8.5).

7.5 General

7.5.1 Request for Validation

To validate a product, a vendor should send a formal request for validation which includes a clear indication of the product to be tested. The request must also include the name, address, and telephone number of the person within the vendor's organization who will be responsible for the validation testing. The request should be sent to:

Manager, Security Technology Group Computer Security Division Computer Systems Laboratory Building 225, Room A216 National Institute of Standards and Technology Gaithersburg, MD 20899 Telephone (301) 975-2920

7.5.2 Information about Validated Products

It should be noted that the purpose of the following lists (see Sections 7.6, 7.7 and 7.8) is to provide technical information about products that have been validated as conforming to the FIPS Standards listed in Section 7.1. NIST has made every attempt to provide complete and accurate information about the products described in the following lists. However, due to the possibility of changes made within individual companies, NIST cannot guarantee that this document reflects the current status of each product.

7.5.3 Validation Documentation

Copies of the above FIPS and Special Publications are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. The KMVS validation requirements document discussed in Section 7.4 can be obtained by contacting the Manager of the Security Technology Group at the above address.

7.6 DES Validated Devices

NOTE: The purpose of this document is to provide technical information about devices that have been validated as conforming to Federal Information Processing Standard Publication 46-1, Data Encryption Standard. The National Institute of Standards and Technology (NIST) has made every attempt to provide complete and accurate information about the devices described in this document. However, due to the possibility of changes made within individual companies, NIST cannot guarantee that this document reflects the current status of each product.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
ADT Security Systems 2560 Huntington Avenue Fourth Floor Alexandria, VA 22303 Hal Marriott (703) 960-8548	ADT Universal Communicator	10/17/90	Chip is an on board component for Communicator products in the High Security Intrusion Detection System. System has integrated key management capabilities.
Advanced Micro Devices, Inc. 4115 Freiderich Lane Mail Stop 135 Austin, TX 78744 Patrick Soheili (408) 749-2161	AmZ8068 (also known as Am9518)	1/28/81	One 40-pin DIP package; n-channel Si-gate technology; ECB, CBC, 8-bit CFB modes; separate ports for key input, clear data and enciphered data; concurrent input, output and ciphering activities; external DMA control; interfaces with AmZ8000 CPU bus directly, and with the 2900, 8080, 8085 and 8048 families with minimum throughput greater than 1 Mbytes per second; greater than 1 Mbytes per second.
	AM 9568	2/28/84	N-channel silicon gate LSI product containing the circuitry necessary to encrypt and decrypt data; can be used in terminals dedicated controllers, communication concentrators, and peripheral task processors in general processor systems; can be used in CF, ECB, or CBC operating modes; separate ports for key input, clear data, and enciphered data enhanced security; interface directly to the IAPX86, 88 bus; interfaces with 2900 and 8051 families with minimal external logic.
American Telephone and Telegraph Company (AT&T) 6612 E. 75th Street P.O. Box 1008 Indianapolis, IN 46206	AT&T Smart Card Version 2.11/DES	5/3/91	Card is part of a smart card based Computer Security System (CSS). The card is carried by an authorized user and permits the user to gain access to host computer systems that are protected by the CSS.
Ken Zempol (908) 658-6870	AT&T Smart Card Version 3.0/DES (5E1)	7/19/91	This version of the AT&T Smart Card is designed to closely follow developments in the international standards arena in areas of card communication protocols, commands and file structures. It is a general purpose smart card that supports multiple applications and uses the DES as a basic part of its operating system.
American Telephone and Telegraph Company AT&T Guilford Center I-85 and Mt Hope Church Roa McLeansville, NC 27420 Mr. B. F. Bailey (919) 279-3779	AT&T Mark E DES Key Generator, PN ON493049-1X ad	6/3/92	Not Available
Mr. M. Zugay (919) 279-3779	AT&T Mark ET DES Key Generator, Part No. AN10014-1	6/3/92	Not Available

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
The Analytic Sciences Corporation 700 Boulevard South, Suite 201 Huntsville, AL 35802 James Moore (205) 726-6718	DESafe version 1.0 (software)	8/26/94	DESafe is integrated with a commercial Bulletin Board System (BBS) to protect information during transmission to and from the BBS. DESafe permits cleartext file storage on the BBS by performing encryption/decryption "on the fly" during the file transfer. A stand-alone version of DESafe is employed by BBS users to decrypt (encrypt) downloaded (uploaded) files.
AT&T Whippany Road Whippany, N.J. 07981 William Oeschger (201) 898-1198	AT&T T7000A Digital Encryption Processor	4/22/86	Manufactured using CMOS technology; 40-pin DIP; encryption modes include ECB, CBC, CFB, and OFB; throughput 1.882 Mbytes/second on-chip RAM and ROM program memory.
AT&T Bell Laboratories 25 Lindsley Drive Room 2B-309 Morristown, N.J. 07960 William Oeschger (201) 898-1198	DEP229ER (WE229ER)	9/6/83	3.5 micron NMOS technology; 40-pin DIP; encryption modes - ECB, CBC, OFB, CFB1, CFB8, CFB64; Throughput rate of 117K eiphering operation/second.
Arkansas Systems, Inc. 8901 Kanis Road Little Rock, AR 72205-6498 David H. Bishop (501) 227-6471	DES-MATE	. 7 /6/ 8 9	Provides data encryption for messages sent and received on-line between an ATM/EFT Network switch processo and an IBM host participant in that network. DES key management is automatic and under system control.
Chase Manhattan Bank, N.A. 199 Water Street 12th Floor New York, NY 10081 Robert Stevenson (212) 797-4153	Chase Encryption Device 1	7/24/84	Not Available
Collins Telecommunications Collins Defense Communication 350 Collins Road, NE Mail Stop 120-105 Cedar Rapids, Iowa 52498	765-5914-001 ons	10/15/77	pMOS chip with 40 usec algorithm execution time; chip has approximately a 50 nsec state change; can perform I/O functions while the chip is in operation; part of network stand-alone encryptor.
Jim Perkins (319) 395-5773	Voice Privacy Device VP430	10/6/81	Imbedded encryption device for commercial hand held communications devices.
Computer Elektronik Infosys of America, Inc. 512-A Hemdon Parkway Hemdon, VA 22070 A. Mark Brown	SuperCrypt	7/24/91	Chip designed for high speed (12 Megabytes/sec data rates) encryption and decryption. ECB, CBC, CFB and OFB modes of DES supported as well as MAC generation. Available as a 120 Pin Flat Pack.
(703) 435-3800	CryptCard	1/12/93	CryptCard is an access control and DES encryption adapter for notebook PCs that have a PCMCIA slot.
Cottonwood Software 3448 Orange Street Los Alamos, NM 87544 Jeffrey Saltzman (505) 661-6701	Cottonwood Software DES Class Library v. 1.05 (software)	8/26/94	Cottonwood Software DES Class Library v. 1.05 is available for license and is the basis of "Data Encryption Standard for Windows" (DES4WIN). DES4WIN offers an efficient, easy to use interface for the Data Encryption Standard within a Windows environment; portable format, clipboard or file encryption/decryption, and complete file erasure.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Cylink Corporation 110 South Wolfe Road	CY1045	1/28/87	Not Available
Sunnyvale, CA 94086 Les Nightingill	Cylink Faxdes	7/1/87	Not Available
(408) 735-5800	12035-001, DES52M	6/3/92	Not Available
	12422-001, DES2M1CFB	8 <i>/</i> 27 <i>/</i> 92	Not Available
Datakey Inc. 407 West Travelers Trail Burnsville, MN 55337-9990 Michael Carenzo (612) 890-6850	H8-310 ASACS Smart Card	7/2/92	The ASACS hardware consists of a credit-card sized smart card with an embedded Hitachi H8/310 microprocessor and a reader/writer interface which provides an RS-232 serial connection to a host computer. The smart card functions are implemented in firmware which is stored in the memory of the card's microprocessor.
Docutel/Olivetti Corporation 106 Decker Court Suite 300 Irving, TX 75062 Division International Marketin (214) 550-5400	Docutel Nordisk Spardata Cash Dispensing ng Terminal	6/20/82	Firmware implementation of DES in ROM for PIN /communications security.
Ericsson G.E., Mobile Communications 1 Mountain View Road Lynchburg, VA 24502 Dan Schwed (804) 948-6055	ADI DES revision 1.0	4/22/94	Software implementation of DES in OFB mode; Provides digital voice encryption for communications between mobile radios, portable radios, and dispatch control consoles in an EDACS Land Mobile Radio Communications System.
The Exchange 15395 SE 30th Place Bellevue, WA 98007 Patricia Lenti-Crane (206)644-7000	EXCRYPT DEB-64-KM (originally EXCLUDE DEB-64-KM)	1/26/89	Encrypts and decrypts data; generates random keys; supports up to six security processor boards that can be run in parallel to enhance throughput; has storage capacity for up to 4000 DES keys; developed for secure financial transactions.
Fairchild Semiconductor 2000 Century Plaza Columbia, MD 21044 Sales Department (301) 730-1510	9414 Chip Set	12/20/73	Bit-slice chip set mounted on a 9414 board with edge or ELCO connector; 4 chip set with 40 pins each; 2 bits, of each byte are distributed to each chip; single 5 V power supply; separate data inputs and outputs; ECB, CFB, and CBC modes of operation.
Front Line Software P.O. Box 217 Lowell, MA 01853 William Graham (617) 452-3352	726-8064 PROM Device	12/1/86	4 K EPROM to be used with Intel IPAX family of micro-processors including all models of the IBM PC family; all modes of DES supported.
GEC-Marconi Limited Ltd. Brown Lane, The Airport Portsmouth, Hampshire P03 5PH England Roger Madden Cycomm Corporation (703) 352-4741	DM800	3/1/93	The DM800 is a module that can be added to an ordinary analogue radio in order to provide communication security by digital encryption.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
GEMPLUS Card International 6290 Montrose Road Rockville, MD 20852 Gilles Lisimaque (301) 770-1558	MCOS16K EEPROM/DES	3/18/91	A multi-application smart card which complies with the ISO standard 7816 (parts 1, 2, and 3) for Integrated Circuit cards with contacts.
General Electric Company Mountain View Road Lynchburg, VA 24502 Jim Elder (804) 948-6187	Part Number 19B801375	6/28/85	The GE DES IC is a microprocessor controlled, low speed asynchronous CMOS IC using DES. Intended to provide secure voice in commercial grade mobile radio applications.
Glenco Engineering, Inc. 270 Lexington Drive Buffalo Grove, IL 60089-6930 D. Wade Clark (708) 808-0300	Glen-DES PN GL306051	5/8/92	The Glen-DES is a compact 20 pin design, using low power CMOS technology, operating at 3us using a 16 MHz clock. The DES chip features nonvolatile internal memory, an external key and a combined key. It is available with a simple CPU interface and it supports a DOS printer port implementation.
GTE Sylvania 77 "A" Street Needham Heights, MA 02194 Harold Manley (617) 449-2000	Mark IV Firmware DES	2/27/79	Uses AMD-2901, 4-bit slice, bipolar uP.
IBM Corporation Federal Systems Division P.O. Box 100	4402182 WK4/988	11/1/77	This card used in terminal equipment; the chip uses technology with PLA control to implement CBC;
Kingston, NY 12401 Robert Elander (914) 385-6692	P/N 8270094 using DES Chip P/N 5898057 (originally 8269206)	8/25/78	This card is used in 3845 and 3846 equipment for 8-bit CFB.
	Two TTL cards - 8632242 and 8679176	9/21/79	Will operate at least at the 1.5 Mbytes 360 channel rate; card set is used in the 3848 cryptographic unit; uses "Emerald-5" technology.
IBM Corporation 1001 W.T. Harris Blvd. West Charlotte, NC 28257 William Rohland (704) 594-8250	4745 Security Interface Unit and the Personal Security Card	10/10/90	Devices are used in a transac-tion security system to protect the privacy and integrity of data using a common cryptographic interface. The security interface unit communicates with the Personal Security Card and the cryptographic adaptor, if present. The Personal Security Card is an integrated-circuit chip card that contains a single chip security processor.
IBM Corporation P. O. Box 950 Poughkeepsie, NY 12602 Robert Granell (914) 435-5751	IBM EX/900 Integrated Cryptographic Feature	2/26/93	The Integrated Cryptographic Feature is available for inclusion on the IBM ES/9000 processors in support of IBMs cryptographic architecture.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
IBM Corporation Branch Delivery Systems Dept. 04V, Bldg. 204 1001 W.T. Harris Blvd. Charlotte, NC 28257 Todd Arnold (704) 594-8253	IBM BDS Portable-C DES, version 1.0 (software)	7/1/94	Portable C-language implementation of DES, used in products developed by IBM Branch Delivery Systems.
Information Security Corporation 1141 Lake Cook Rd., Suite D Deerfield, IL 60015 Michael Markowitz (708) 405-0500	DES module/Intel, version 3.0 (software)	8/9/94	An extremely high speed module implemented in 386 assembly language. Used in SecretAgent for DOS, Windows and UNIX System V/386. Available as an object module library or DLL, or as one component of the AT&T Surity Cryptographic Development Kits on those platforms.
	DES module/68K, version 3.0 (software)	8/9/94	An extremely high speed module implemented in 68020 assembly language. Used in SecretAgent for Macintosh. Available as an object module library for MPW or Think C, or as one component of the AT&T Surity Cryptographic Development Kits for Macintosh.
	DES module/C, version 2.0 (software)	8/16/94	A portable DES module implemented in C/C++. Used in SecretAgent for UNIX (except on Intel platforms). Available as an object module library, or as one component of the AT&T Surity Cryptographic Development Kits for Sun, DEC, HP and other UNIX platforms.
Intel 1900 Prairie City Road Folsom, CA 95630 Joe Dragony (916) 351-5250	8294	1/3/78	Algorithm is microcode which is burned into a 1 Kbyte ROM on a 5 volt, 40-pin chip driven by a 8042 microprocessor.
(()	8294A	6/20/82	Same as the 8294 except for a maximum data transfer rate of 400 bytes per second.
John E. Holt & Associates 2714 Key Boulevard Arlington, VA 22201 John Holt (703) 524-2923	Krypton Firmware	2/12/86	ROM chips for the standard IBM PC family include eight 3722 chips, four 2764 chips and one 27256 chip; 1024-bit CBC chaining; encryption speed dependent on clock of PC; ROM can plug directly into ROM slot.
Jones Futurex 3715 Atherton Road Rocklin, CA 95765 Steve De Rosa (916) 632-3456	SAFE 300	8/12/93	The SAFE 300 is a stand-alone fax encryptor that provides both public network security and office privacy with automatic fax encryption, confidential fax mailbox, and misdial protection.
Lexicon ICOT Corporation 3801 Zanker Road P.O. Box 5143 San Jose, CA 95150-5143 Bob Lynch (408) 433-3300	LEX-POS (Model 600)	11/28/84	A Personal Identification Number (PIN) entry device; used in conjunction with financial transaction devices, 16 key keyboard, 20 character display, RS-232 compatible, Lexicon sold LEX-POS to ICOT Corporation.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Logimens Inc. 1080 Beaver Hall, Room 300 Montreal, Quebec H2Z 1S8 Normand Delisle (514) 876-3646	DESDLL_DLL 2.0 E/D Engine (software)	7/25/94	DESDLL DLL is the software cryptoengine for WinDES 2.0; WinDES provides easy to use encryption/decryption as well as other file protection features for pc-compatible systems running under MS Windows; supports drag & drop capabilities, file compression, Defense-related secure file deletion, etc.
	PcDES 2.0 (software)	7/25/94	PcDES 2.0 (software) provides easy to use data encryption/ decryption (manual and batch modes) as well as other file protection features for pc-compatible systems running under DOS; supports Defense-related secure file deletion, etc.
LSI Logic/Dataco AS Smedeholm 12-14 DK-2730 Herlev Denmark Jens Kjelsbak 45 44 53 01 00	Dataco L5A4043 2030025402	1/12/90	Custom DES IC was manufactured by LSI Logic for Dataco. The DES chip is designed for optional use in ScaNet local area network products.
Matsushita Electronic Comp. High Frequency Products Div. One Pansonic Way Secaucus, NJ 07094 Dursun Sakarya (201) 348-7767	EBC 1642 IC Card	3/13/91	Card is designed to be a high security external storage media housing an 8 bit CPU and 64 Kbit EEPROM.
Micro Card Technologies, Inc. 14070 Proton Road Dallas, TX 75244 Jeff Lang (214) 788-4055	Micro Card TB100 Integrated Circuit Card	9/19/90	A multi-application integrated circuit card which can simultaneously support several application data files. Ciphering and deciphering functions may be used to encrypt or decrypt external messages using DES.
Morse Security Group, Inc. 12960 Bradley Avenue Sylmar, CA 91342-0128 Nalin Chheda (800) 423-5669 (818) 367-5951	TRAP 5200 System	4/17/90	Touch response alarm processor system, including a receiver processor located in a data gathering center and a series of transponders located at remote location contains DES to produce encrypted data that flows along a communication path.
Motorola Microprocessor Products Div. 6501 William Cannon Drive W. Austin, TX 78735-8598 Don Ponder (512) 440-2956	MC6859 (originally MGD68NE)	2/11/80	Si-gate depletion mode, nMOS 24-pin DIP using single 5 volt power supply; implements ECB and CFB.
Motorola 1309 East Algonquin Road Shaumburg, IL 60196 James Osborn (312) 576-2251	TSW-2	11/12/81	Special purpose for internal use only.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Newbridge Microsystems 603 March Road Kanata, Ontario Canada K2K 2M5 Tony Rosati (613) 592-0714	CA95A	9/8/93	The CA95C Data Ciphering Processor implements the DES using the ECB, CFB, or CBC modes of operation. The CA95C provides a high through-put rate up to 11 Mbytes/second. Separate ports for key input, clear data and enciphered data are available.
(013) 392-0714	CA20C03A	4/10/91	A high performance WD20C03A compatible DES Data encryption processor with data transfer rates up to 4 Mbytes per second. Supports ECB and CBC; PLCC and PDIP packaging available.
Newnet S.A. Alsina 430 Buenos Aires 1087 Argentina Daniel Ramos 54 1 334 9732	Data Security Device (DSD 9612)	7/2/91	This device is based on an eight bit INTEL microprocessor with 8 Kbytes of EPROM. Transfer data at speeds of 1200 to 9600 bps and communicates w/ other devices via EIA RS-232-C ports.
Nixdorf Computer Corporation 168 Middlesex Turnpike Burlington, MA 01803 Kevin Madden (617) 890-3600	VEM Module	1/7/80	The plug-in module is used with the Nixdorf 8864 CPU for encrypting data transmission blocks and file protection; may be used in terminal applications in the financial community; uses TTL.
Northern Telecom 3705 35th St. NE Calgary, Alberta T1Y 6C2 Paul Provençal Bell Northern Research (613) 763-8014	BNR 64-bit Cipher Feedback Mode Module, version 1.0 (firmware)	7/19/94	The validated firmware is used in the PowerTouch 350 (Vista 350), an advanced screen telephone that connects to standard analog phone lines. PowerTouch 350 has an 8 line by 21 character display and supports the Bellcore ADSI protocol; uses the DES in 64-bit CFB mode to provide data encryption targeted for banking applications.
Racal-Milgo P.O. Box 407044 Ft. Lauderdale, FL 33340-7044 Richard Abbruscato (305) 476-6800	Datacryptor	1/7/80	Stand alone equipment with public key management remote distribution of master keys.
Rothenbuhler Engineering P.O. Box 708 2191 Rhodes Road Sedro Wolley, WA 98284-0708 Andrew Benson (206) 856-0836	CLS Series 5200 Encryption Module	3/19/91	The CLS Series 5200 Encryption Module is used in a system which communicates 8 channels of electronic security information between a client and a central monitoring facility.
Secur-Data Systems, Inc. Omega Center 7340 Executive Way, Suite R Frederick, MD 21701 Ronald Baum (301) 698-9955	DESPLEX	2/2/89	Used in a CF configuration as part of a firmware operating system for processing and transmission of alarm sensor data as well as receiving and annuciating data at an alarm monitoring facility.
Secure Computing Corporation 2675 Long Lake Road Roseville, MN 55113 Ron Bohn (612) 628-2725	sctc_des.c, version 1.7	4/22/94	Software implementation of DES that is used in LOCKout products; LOCKout uses DES-based challenge-response to provide protection for networks, support remote user dial-in authentication, and provide Internet Firewall protection for host computers.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Texas Instruments, Inc. P.O. Box 1443, M/S 736 Houston, TX 77001 Mike Polen (713) 274-3635	TMS 99541	2/28/82	Preprogrammed TMS7020 8-bit single chip microprocessor; 40-pin DIP plastic package I/O pins are TTL compatible; master and active key registers.
UNIVAC P.O. Box 3942 St. Paul, MN 55165 Jim Nelson (612) 631-6728	End-End/Mass Storage Encryptor	1/29/80	Prototype device for testing purposes only
Virtual Open Network Environment Corp. 12300 Twinbrook Parkway Rockville, MD 20852 George Thornton (301) 881-2297	V-ONE DES Module (software)	7/25/94	Smart card system for PC security, file encryption and decryption, user authentication, secure remote system logon, personal identification, and multilevel system access.
VLSI Technology, Inc. 8375 S. River Parkway Tempe, AZ 85284 R. Slusarczyk (602) 752-8574	VM007 - Data Encryption Processor	1/6/92	The VM007 Data Encryption Processor is a programmable integrated circuit that provides a complete cryptographic system on a single chip. It contains a hardware implementation of the DES, RISC-based sequencer, data storage registers, and ROM-based microprogram. It is designed to provide very high data and key processing rates (up to 190 Megabits per second), flexible I/O inter-facing, advanced security features and supports all DES modes of operation. The VM007 is manufactured using 1.0 micron CMOS technology and is available in a 84-pin leaded ceramic chip carrier.
	VM009 Data Encryption Processor	1/11/93	The VM009 Data Encryption Processor is a programmable integrated circuit that provides a complete cryptographic system on a single chip. It contains a hardware implementation of the DES, and data storage registers. It is designed to provide very high data and key processing rates (up to 100 Megabits per second), flexible I/O inter-facing, advanced security features, and supports all DES modes of operation. The VM009 is manufactured using 1.0 micron CMOS technology and is available in a 40 lead plastic DIP and 44 lead plastic leaded chip carrier.
Wells Fargo Security Products Unit of Baker Protective Svcs. 1010 North Glebe Road, Suite Arlington, VA 22201 William Martin (703) 247-4250		5/26/89	The monitor panels are intended for use in a monitoring station of a proprietary intrusion detection alarm system.
Western Digital Corporation 2445 McCabe Way Irvine, CA 92714 Product Marketing Manager	WD-2001/WD2002	8 <i>/</i> 9/79	Uses si-gate nMOS, TTL compatible; ECB speeds of up to 40 Kbytes/second, 161 Kbytes/second and 242 Kbytes/second.
for Security Devices (714) 474-2033 X7853	WD20C03 DES Device	2/19/87	Uses si-gate CMOS, TTL compatible; ECB and CBC, speeds of up to 403 Kbytes/second, 645 Kbytes/second and 807 Kbytes/second in ECB.

7.7 FIPS 113, Computer Data Authentication Message Authentication Code (MAC) Implementations

	Vendor/Contact	Implementation	Validated Options	Vendor/Contact	Implementation	Validated Options
۱.	ACS Communications Systems Inc. 480 Spring Park Place Suite 900 Herndon, VA 22070	Personal Computer Security Module, PCSM-T May 16, 1986	BINARY OPTION (FIPS 113)	Digitech Telecommunications, Inc. 342 Madison Avenue Suite 2010 New York, NY 10017	Softnet Software, Version 1 June 29, 1987	BINARY OPTION (FIPS 113)
	Don Cole, (703) 471-0892			James J. McKeeff,		
2.	Federal Reserve Bank of Cleveland P.O.B. 6387 Cleveland, Ohio 44101 Dave Rich, (216) 579-2221	Jones Futurex PC Encryption Board FRS PC MAC Processor October 28, 1986	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE: ED- ITING	(212) 557-7230 10. Sytek, Inc. Rights transferred to AeT Research, Inc. on January 29, 1988 - see entry 17	MACbox June 30, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE;
N C	Shannon Systems, Inc. lountain View, CA rut of Business	Remote Crypto Facility Software Version 3.0 January 16, 1987	BINARY OPTION (FIPS 113)	AeT Research 675 North First Street Suite 800 San Jose, CA 95112 Linden Feldman,		EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE
R	Codercard, Inc. ights transferred to ITRONICS Information	Personal Computer Security Adaptor, CPS-300 Argus, Version 1 Software	BINARY OPTION (FIPS 113) CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING	(408) 275-0820 11. Inter-Quest, Inc. 16508 East Laser Drive	PORT-OF-ENTRY Computer Security System Vers 1.2	BINARY OPTION (FIPS 113) CODED CHARACTERS:
ent	tems on Sept. 12, 1990 - see y 23.	February 26, 1987	CODED CHARACTERS. ENTIRE MESSAGE, ED- ITING	Fountain Hills, AZ 85268 Charles Redding,	(Software) August 17, 1987	ENTIRE MESSAGE; NO EDITING CODED CHARACTERS;
Sys 2 C	TRONICS Information tems 950 Redhill Avenue osta Mesa, CA 92626 ob Gray, (714) 557-3444		CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING	(602) 948-2560		ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE
1	Jones Futurex, Inc. 0933 Trade Center Drive ancho Cordova, CA 95670	MAC-310 Message Authenti- cator	BINARY OPTION (FIPS 113)	Racal-Guardata Limited Richmond Court	PC Security Module, RGL 600 RGL 600 Host PC C Driver	ELEMENTS; EDITING BINARY OPTION (FIPS 113
(8	on Thompson, 116) 635-3972	February 27, 1987		309 Fleet Road Fleet, Hampshire GU13 8BU	Software, Version: V1.01 November 20, 1987	
6	Informax Securities 974 Sandpiper Place arlsbad, CA 92009	Protecom Crypto Processor Protecom Device Driver & Utilities, Version 0.5	BINARY OPTION (FIPS 113)	Paul Halliden, (252) 622144, England		
(6	avid Howard, i19) 931-8787	March 27, 1987	-	13. The Chase Manhattan Bank, N.A.	C-FIMAS 16 Software, Version 1.0	BINARY OPTION (FIPS 113 CODED CHARACTERS:
1	Inter-Quest, Inc. 8508 E. Laser Drive puntain Hills, AZ 85268	PORT-OF-ENTRY Computer Security System Vers. 1.1 (Software)	BINARY OPTION (FIPS 113)	1 Seaport Plaza 11th Floor New York, New York 10038	December 6, 1987	ENTIRE MESSAGE: NO EDITING CODED CHARACTERS: ENTIRE MESSAGE:
	harles Redding, 502) 948-2560	May 8, 1987	-	Bob Martian, (212) 797-4038		EDITING CODED CHARACTERS; EXTRACTED MESSAGE
6: C	Infomax Securities 974 Sandpiper Place arlsbad, CA 92009	Protecom Crypto Processor Protecom Device Driver & Utilities, Version 0.6	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING			ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
	avid Howard, 119) 931-8787	May 11, 1967	CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING	14. Atalla Corporation 2304 Zanker Road San Jose, CA 95131 Dale Hopkins, (408) 435-8850	Personal Computer Module, CPCM CPCM.HEX Software, Version OA 13-2043-01 January 11, 1988	BINARY OPTION (FIPS 113)

Message Authentication Code (MAC) Implementations, Continued

Vendor/Contact	Implementation	Validated Options	Vendor/Contact	Implementation	Validated Options
16. GN Telematic, Inc. 46 Manning Road Billerica, MA 01821 Poul Hebsgaard, (617) 667-8644	safeMatic 2000, KB76-17527 Coded Character Sel Processing Software, Model KB77-17012, Version A February 3, 1988	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING	22. Racal-Guardata, Inc 480 Spring Park Place Suite 900 Herndon, VA 22070 Brian Bucholz. (703) 471-0892	X9 Crypto Server June 1, 1990	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
17. AeT Research 675 North First Street Suite 800 San Jose, CA 95112 Originally validated on June 30, 1987 as a Sytek, Inc. device - see entry 10. Linden Feldman, (408) 275-0820	MACbox August 8, 1988	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING	23. LITRONIC Information Systems 2950 Redhill Avenue Costa Mesa, CA 92626 Rights transferred on September 12, 1990 Bob Gray, (714) 545-6649 James Prohaska, (703) 960-8068	Personal Computer Security Adapter Argus, Version 1 Software** Originally validated by Codercard, Inc. on February 26, 1987 - see entry 4.	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EXTRACTED MESSAGE ELEMENTS; EDITING
18. Atalla Corporation 2304 Zanker Road San Jose, CA 95131 Dale Hopkins, (408) 435-8850	Personal Computer Module, MN-40-249 CPCM.HEX Software, Version OE 13-2043-00 September 26, 1988	BINARY OPTION (FIPS 113)	24. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Blvd. Charlotte, NC 28257 Roger Evans, (704)	4755 Cryptographic Adapter October 15, 1990	BINARY OPTION (FIPS 113)
19. Cypher Communications Technology, Inc. 4S20 East-West Highway Suite 550 Bethesda, MD 20814 Angel Bailey. (301) 652-6790	CYCOM SCI AX3 5.01, Version 10084002 February 2, 1989	BINARY OPTION (FIPS 113)	594-7080 25. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Bivd. Charlotte, NC 28257 Roger Evans, (704) 594-7080	4754 Security Interface Unit October 15, 1990	BINARY OPTION (FIPS 113)
20. Dial-Guard 55 Koch Road/PO Box 7045 Corte Madera, CA 94925 Shun-Hwa Chang or Trone Miller, (415) 927-2232	Dial-Guard Remote Authenti- cator 01-103, Version 2.0 Rev. 0 March 6, 1989	BINARY OPTION (FIPS 113)	26. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Blvd. Charlotte, NC 28257 Roger Evans, (704) 594-7060	IBM Personal Security Card October 15, 1990	BINARY OPTION (FIPS 113)
21. Okiok Data 3945 St. Martin Laval, Quebec, Canada H7T 1B7 Claude Vigeant, (514) 681-1681	RAC/M FAS-PACK, Version 1.0 April 24, 1989	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING	27. Cypher Communications Technology, Inc. 15200 Shady Grove Rd. Suite 350 Rockville, MD 20850 Angel Bailey, (301) 590-9314 28. Cypher Communications Technology, Inc. 15200 Shady Grove Rd. Suite 350 Rockville, MD 20850	CYCOM SCI/SL 96 AX5 5.03, Version 10084012 December 19, 1990 CYCOM SCI 192 AX7 5.05, Version 10084020 January 10, 1991	BINARY OPTION (FIPS 113) BINARY OPTION (FIPS 113)

Message Authentication Code (MAC) Implementations, Continued

Vendor/Contact	Implementation	Validated Options
29. Digital Equipment Corporation Digital Drive - MK01-2/B06 Merrimack, NH 03054	PIN Pad 201 SMD Model: P003-120-XX March 25, 1991	BINARY OPTION (FIPS 113)
Steve Lawrence, (603) 884-3445		_
30. Information Security Corporation 1141 Lake Cook Road Suite D Deerfield, IL 60015	DES Module used in SpyProof! July 10, 1991	BINARY OPTION (FIPS 113)
Michael Markowitz, (708) 405-0500		_
31. Digital Signature Validated by Information Security Corporation 1115 N. East Avenue Oak Park, IL 60302 Michael Markowitz.	DES Module used in CryptMaster (3.20) and SecretAgent (1.00) July 15, 1991	BINARY OPTION (FIPS 113)
(708) 405-0500		_
32. The Exchange Systems 15395 SE 3oth Place Bellevue, WA 98007-6594 Robert Adamson, (206) 644-7000 X255	PCE-3000 (IBM PS/2 Microchannel) January 8, 1992	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
 The Exchange Systems 15395 SE 3oth Place Bellevue, WA 98007-6594 Robert Adamson, (206) 644-7000 X255 	PCE-1000 ISA Adaptor January 9, 1992	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE EXTRACTED MESSAGE ELEMENTS; EDITING

7.8 FIPS 171, Key Management Validation Using ANSI X9.17

	7.0 FIPS 1/1	l, Key Managemen	t validation C	Sing ANSI A	•1/
Vendor/Contact	Implementation	Validated Options	Vendor/Contact	Implementation	Validated Options
1. LITRONICS Information Systems 2950 Redhill Avenue Costa Mesa, CA 92626 (Originally validated by Codercard: rights transferred on September 11, 1990) Bob Gray, (714) 545-6649 James Prohaska, (703) 960-8068	Hardware: Argus-PC, Model: CMS-100 Software: Argus/MACE Software. Version: 1.0 September 23, 1988	No. of communicating pairs: 2 No. of manual (*)KKs per comm. pair: 2 Length of manual and auto. (*)KKs: PAIR Key generation capability: YES Number of auto. distr. (*)KKs shared: UP TO 4 Number of RDs shared: UP TO 8 2 KDs in KSMs: SOMETIMES Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send livs in KSMs: SOMETIMES Send encrypted livs in KSMs: ALWAYS Send EDCs in RSIs and ESMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs in KSMs: SOMETIMES Action on count error: ADJUST COUNT Send DSMs: YES IDA in DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED	3. TECHNICAL COMMUNICATIONS CORPORATION 100 Domino Drive CONCORD, Massachusetts 01742 John Gill, (617) 862-6035	Hardware: CX5000 Software: Version: 2.0 May 15, 1991	No. of communicating pairs: 1 No. of manual (*)KKs per comm. pair: 2 Length of manual and auto. (*)KKs: PAIR Key generation capability: YES Number of auto. distr. (*)KKs shared: 4 Number of KDs shared: 1 2 KDs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send lvs in KSMs: SOMETIMES Send encrypted IVs in KSMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs In KSMs: NEVER Action on count error: ADJUST COUNT Send DSMs: YES Receive DSMs: YES IDA In DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED
2. TECHNICAL COMMUNICATIONS CORPORATION 100 Domino Drive CONCORD, Massachusetts 01742 John Gill, (617) 862-6035	Hardware: CX5000A Software: Version: 1.0 May 6, 1991	No. of communicating pairs: 1 No. of manual (*) KVs per comm. pair: 2 Length of manual and auto. (*) KVs: PAIR Key generation capability: YES Number of auto. distr. (*) KVs shared: 0 Number of KDs shared: 1 2 KOs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Spece & CRLF as field delimiter. NOT TESTED	4. COMMUNICATION DEVICES, INC. 1 Forstmann Court Clifton, NJ 07011 Gene Hartsell, (201) 772-6997	Hardware: RSD/E Software: Version 7.2	No. of communicating pairs: 1 No. of manual (*)KKs per comm. pair: 1 Length of manual and auto. (*)KKs: PAIR Key generation capability: NO Number of auto. distr. (*)KKs shared: 0 Number of KDs shared: 1 2 KDs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Roceive RSI messages: NOT RSMs: ALWAYS Rend encrypted IVs in KSMs: ALWAYS Rend EDCs in RSIs and ESMs: ALWAYS Roceive DCS in RSIs and ESMs: ALWAYS Roceive DSMs: YES Roceive DSMs: YES Roceive DSMs: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Roce & CRLF as field delimiter: NOT TESTED Number of communicating pairs: 1 Number of manual (*)KKs per comm. pair: 2 Length of manual and

APPENDIX A

FIPS CONFORMANCE TESTING PRODUCTS AND SERVICES



APPENDIX A

FIPS CONFORMANCE TESTING PRODUCTS AND SERVICES

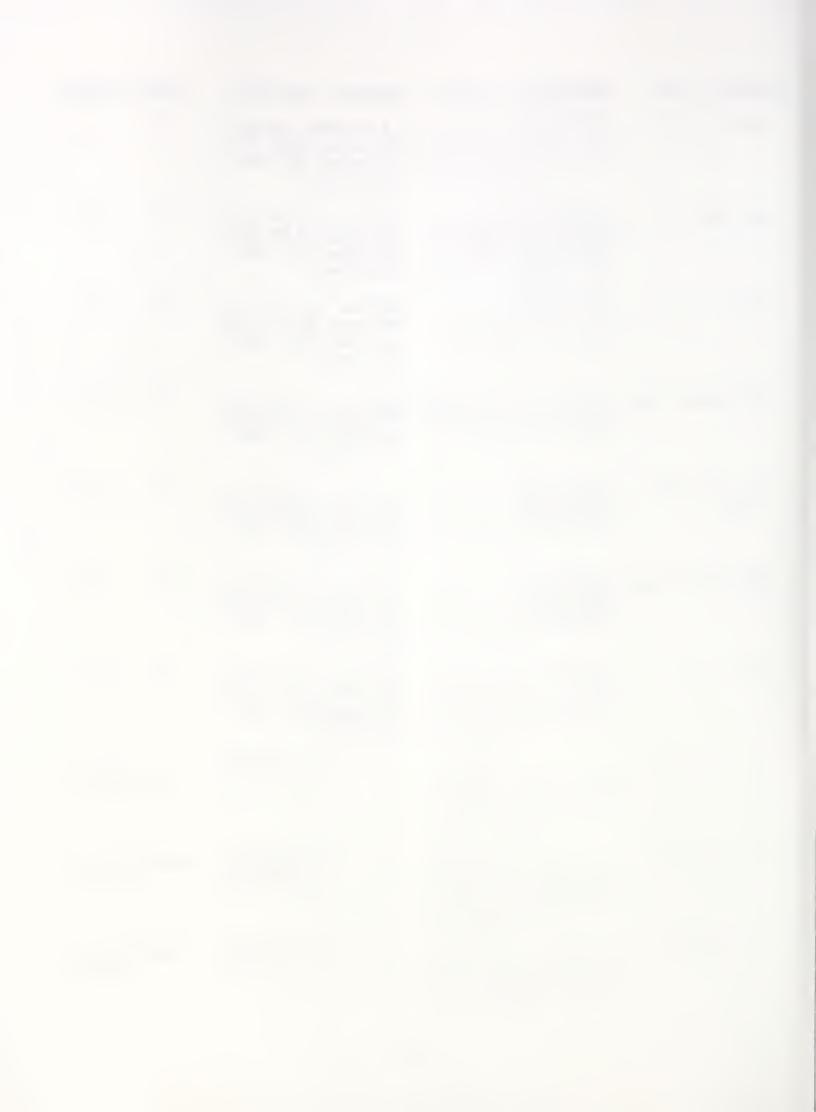
The purpose of this appendix is to provide information about products and services that are available to Federal Agencies for assessing products for conformance to FIPS.

The entries in this list identify the topic, the standard tested, the NIST contact, and the product or service offered. The letters T, S, or C in the Product/Service column indicate a test method, testing service, or certificate/registered report respectively.

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
COBOL	FIPS PUB 21-3	Judy Kailey NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3259	T, S, C
Fortran	FIPS PUB 69-1	Judy Kailey NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3259	T, S, C
Pascal	FIPS PUB 109	Carmelo Montanez (Technical) NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2398 Judy Kailey (Scheduling) (301) 975-3259	T, S, C
С	FIPS PUB 160	Carmelo Montanez (Technical) NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2398 Judy Kailey (Scheduling) (301) 975-3259	T, S, C
Ada	FIPS PUB 119	William Dashiell NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2490	T, S, C
MUMPS	FIPS PUB 125	William Dashiell NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2490	T, S, C

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
SQL	FIPS PUB 127-1	Joan Sullivan NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3258	T, S, C
GKS	FIPS PUB 120	Susan (Quinn) Sherrick NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3268	T, S, C
CGM	FIPS PUB 128 MIL-D-28003	Lynne Rosenthal NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3353	T, S, C
PHIGS	FIPS PUB 153 ANSI/ISO 9592.1-1989	Kevin Brady NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3644	T, S, C
Raster	FIPS PUB 150 MIL-R-28002	Frank Spielman NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3257	T
IRDS	FIPS PUB 156	Alan Goldfine NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3252	T, S, C
POSIX	FIPS PUB 151-2	Martha Gray NIST, Bldg. 225, Rm. B266 Gaithersburg, MD 20899 (301) 975-3276	T, S, C
Message Authentication	FIPS PUB 113	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C
Key Management Validation	FIPS PUB 171 ANSI X9.17	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C
Data Encryption Standard	FIPS PUB 46-1	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
GOSIP	FIPS PUB 146	J. P. Favreau NIST, Bldg. 225, Rm B217 Gaithersburg, MD 20899 (301) 975-3634	T, S
1984 X25	CCITT X.25-1984 ISO 7776, ISO 8208 ISO 8882, ISO 9646 FIPS PUB 100-1	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т
ISDN	FIPS PUB 182	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т
ISDN Physical Layer	ANSI T1.605 (S/T Interface) ANSI T1.601 (U Interface)	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т
ISDN Data Link Layer	CCITT Q.921 ANSI T1.602	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т
ISDN Network Layer	ANSI T1.607 ANSI T1.608 FIPS PUB	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т
FDDI	ANSI X3T9	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	Т





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